

EXHIBIT O



The Bose® Lifestyle® 50 System

Owner's Guide
October 17, 2001

AM189854_05_V.pdf

Safety Information

WARNING: To reduce the risk of fire or electric shock, do not expose the system to rain or moisture.



These CAUTION marks may be located on the bottoms of your Lifestyle® Personal® music center, Acoustimass® module, multi-room interface, and CD changer:



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle, as marked on the system, is intended to alert the user to the presence of important operating and maintenance instructions in this owner's guide.



CAUTION: To prevent electric shock, match wide blade of plug to wide slot, insert fully.

Class 1 laser product

This compact disc player is classified as a CLASS 1 LASER PRODUCT. The CLASS 1 LASER PRODUCT label is located on the bottom of the unit.



CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. The compact disc player should not be adjusted or repaired by anyone except properly qualified service personnel.

Class B emissions limits

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Batteries

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

Additional safety information

See the additional instructions on the *Important Safety Information* page enclosed with this owner's guide.

Please read this owner's guide

Please take the time to follow this owner's guide carefully. It will help you set up and operate your system properly, and enjoy all of its advanced features. Save your owner's guide for future reference.

Product manufactured under license from Dolby Laboratories, Inc. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories, Inc.

Important Safety Instructions

1. **Read these instructions** – for all components before using this product.
2. **Keep these instructions** – for future reference.
3. **Heed all warnings** – on the product and in the owner's guide.
4. **Follow all instructions.**
5. **Do not use this apparatus near water or moisture** – Do not use this product near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture are present.
6. **Clean only with a dry cloth** – and as directed by Bose® Corporation. Unplug this product from the wall outlet before cleaning.
7. **Do not block any ventilation openings.**
Install in accordance with the manufacturer's instructions – To ensure reliable operation of the product and to protect it from overheating, put the product in a position and location that will not interfere with its proper ventilation. For example, do not place the product on a bed, sofa, or similar surface that may block the ventilation openings. Do not put it in a built-in system, such as a bookcase or a cabinet that may keep air from flowing through its ventilation openings.
8. **Do not install near any heat sources, such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.**
9. **Do not defeat the safety purpose of the polarized or grounding-type plug.** A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong are provided for your safety. If the provided plug does not fit in your outlet, consult an electrician for replacement of the obsolete outlet.
10. **Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.**
11. **Only use attachments/accessories specified by the manufacturer.**
12. **Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus.** When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. **Unplug this apparatus during lightning storms or when unused for long periods of time** – to prevent damage to this product.
14. **Refer all servicing to qualified service personnel.** Servicing is required when the apparatus has been damaged in any way: such as power-supply cord or plug is damaged; liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped – Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please call Bose to be referred to an authorized service center near you.
15. **To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.**
16. **Do not let objects or liquids enter the product** – as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
17. **See product enclosure for safety related markings.**

Information about products that generate electrical noise

If applicable, this equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: Unauthorized modification of the receiver or radio remote control could void the user's authority to operate this equipment.

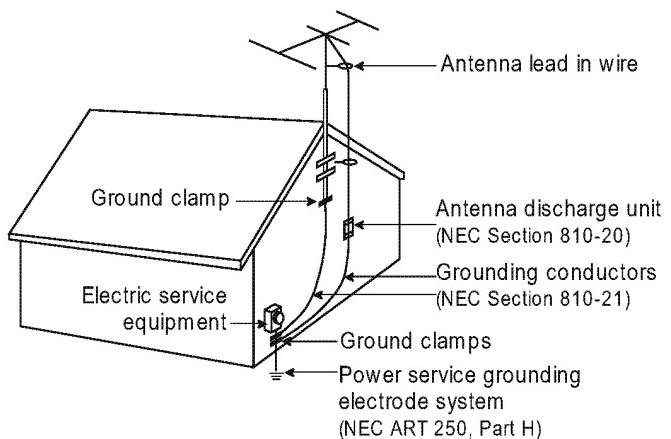
This product complies with the Canadian ICES-003 Class B specifications.

Important Safety Instructions

18. **Use proper power sources** – Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
19. **Avoid power lines** – Use extreme care when installing an outside antenna system to keep from touching power lines or circuits, as contact with them may be fatal. Do not install external antennas near overhead power lines or other electric light or power circuits, nor where an antenna can fall into such circuits or power lines.
20. **Ground all outdoor antennas** – If an external antenna or cable system is connected to this product, be sure the antenna or cable system is grounded. This will provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code ANSI/NFPA No. 70 provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the ground electrode. Refer to the antenna grounding illustration on this page.

Antenna grounding

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70.



Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC (of USA) that provides guidelines for proper grounding. In particular, it specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as is practical.

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For your records

Serial numbers are located on the bottom panels of the Personal music center, multi-room interface, CD changer, and the Acoustimass® module.

Personal music center serial number: _____

Multi-room interface serial number: _____

CD changer serial number: _____

Acoustimass module serial number: _____

Dealer name: _____

Dealer phone: _____ Purchase date: _____

We suggest you keep your sales slip and warranty card together with this owner's guide.

Setting Up

Before you begin

Thank you for purchasing the Bose® Lifestyle® 50 system. Years of research lie behind this complete audio home entertainment system – the most advanced home theater system from Bose. Technological innovations that make the Lifestyle® 50 system unique include the Bose Personal™ music center, which places all system operations in the palm of your hand, and tiny Jewel Cube® speakers.

The interactive Personal music center is a clear departure from convention, communicating with the system through a two-way radio data link. The result for you is full control of this entertainment system as you move about your home.

The Bose Jewel Cube speakers are also far from conventional. Proprietary technologies ensure that these tiny speakers not only fill a room with sound, but also reproduce it more accurately than traditionally designed loudspeakers.

The other elements of the Lifestyle® 50 system are designed to be hidden from view:

- The elegant Lifestyle® CD changer, designed to give you flexibility in where it is placed
- The hideaway powered Acoustimass® module that delivers the rich, full, lifelike bass
- The Bose multi-room interface, with four independent audio outputs that allow you to enjoy Bose sound throughout your home.

Realism and impact

Your Lifestyle® 50 system is equipped with an all new Videostage® decoder that uses digital signal processing. The result is increased surround sound realism and impact both for movie soundtracks and music recordings. The Videostage decoder processes analog formats, as well as two or even single-channel PCM and Dolby Digital bitstreams, and helps to deliver the acoustic experience of the movies right in your home.

Compatibility

Your system is fully compatible with:

- **Digital-audio bitstreams.** Look for the symbol  or the terms Dolby Digital or PCM on DVD-Video disks. Your Lifestyle® 50 system cannot process MPEG-2 or DTS digital bitstreams.
- **Surround-sound sources** such as VCRs, stereo TVs, cable boxes and satellite receivers. Videostage decoding directs stereo information to the surround channels, so the sound of stereo broadcasts and rented or recorded tapes can approach that of your DVD disks.
- **Surround-encoded analog or digital audio signals.** Look for the terms Surround or Dolby Surround, or the symbol  on tapes and discs, and the word "surround" preceding a TV broadcast.
- **Stereo program material** from TV, FM, CD and cassette. Videostage decoding delivers five channels, even when the original source contained only one or two.
- **Monoaural program material.** Videostage decoding can process a one-channel program into five-channel sound and direct the result to five independent speakers. Dialogue remains locked on-screen, while music and ambient effects fill the room.

Automatic sound level monitoring and control

Your enjoyment of movies is enhanced by Digital Dynamic Range® compression. This technology automatically monitors and adjusts the volume to let you to hear soft sounds, particularly dialogue, but prevents you from being overwhelmed by loud special effects. This is especially useful for late night viewing – it eliminates the need to constantly adjust the volume.

Unpacking the carton

Carefully unpack your system. Save all packing materials for possible future use. The original packing materials provide the safest way to transport your Lifestyle® 50 system. If any part of the product appears damaged, do not attempt to use the system. Notify Bose® or your authorized Bose dealer immediately.

Check to be sure your Lifestyle® 50 system contains the parts identified in Figure 1.

 **Note:** Find the serial numbers on the bottom panels of the Personal™ music center, multi-room interface, CD changer, and Acoustimass® module. Then write them on your warranty card and in the spaces provided on page 3.

 **CAUTION:** Be sure the three shipping screws on the bottom of the CD changer have been removed before setting up the system.

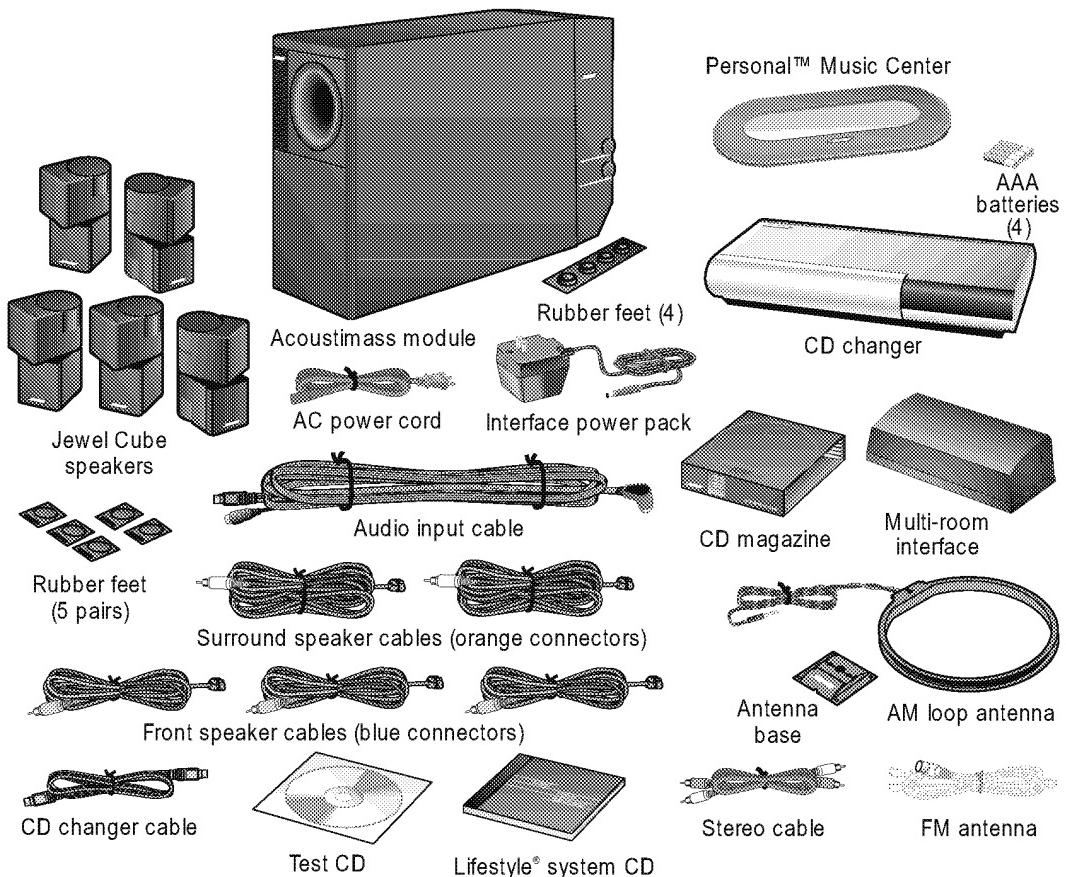
 **WARNING:** The Acoustimass module weighs 33 pounds (15 kg). Use good lifting practice to avoid injury.

 **WARNING:** To avoid danger of suffocation, keep the plastic bags out of the reach of children.

Figure 1

What comes with your Lifestyle® 50 system:

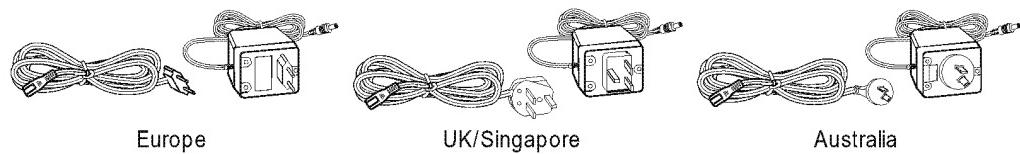
- Personal music center
- CD changer
- Multi-room interface
- Interface power pack*
- 5 Jewel Cube® speakers
- 5 speaker cables
- Acoustimass module
- AC power (mains) cord*
- 14 self-adhesive rubber feet (4 for the module and 5 pairs for the Jewel Cube speakers)
- Audio input cable
- CD changer cable
- Stereo cable
- 4 AAA batteries
- FM antenna
- AM loop antenna
- AM antenna base
- CD magazine
- Lifestyle® system CD
- Test CD



* Power cord and pack shown above are USA/Canada/Japan versions.

Dual voltage systems include 1 power cord, 1 adapter , and 2 power packs.

The power cords and packs for Europe, UK/Singapore, and Australia are shown below.



Setting Up

Selecting the locations for your Lifestyle® 50 system

When you place your speakers according to the guidelines below, a combination of reflected and direct sound provides the audio atmosphere of a home theater. You may experiment with the placement and orientation of the Jewel Cube® speakers and Acoustimass® module to produce the sound most pleasing to you. For more discussion of speaker placement and room acoustics, see "Fine-tuning your system" on page 36.

Jewel Cube speakers

Follow these guidelines to select locations that provide the maximum home theater effect from your Lifestyle® 50 system (Figures 2 and 3).



CAUTION: Choose a stable and level surface for your Jewel Cube speakers. Vibration can cause the speakers to move, particularly on very smooth surfaces. For stability, peel off the backing from the two identical rubber feet and center them in the matching shapes on the bottom of each speaker.

Left and right front speakers

The sound from the left and right front speakers should seem to appear at the edge of the picture, so that the acoustic image is close to the size of the visual image (Figure 2). The front speaker cables allow up to 20 feet (6.1 m) from the Acoustimass module.

1. Place the left and right front speakers so that they line up with the center of the TV screen.
2. Place them up to 3 feet (1 m) from the edge of the TV screen.

We recommend the 3-foot (1 m) maximum distance so that the sound does not become too separated from the picture. You may wish to vary this distance based on room conditions and personal preference.

3. Direct one cube of each speaker forward. Direct the other cube toward the wall or in a different direction to create reflected sound. See the illustration of suggested reflected sound patterns in Figure 3.



Note: The Jewel Cube speakers are magnetically shielded so you can place them close to the TV without affecting picture quality.

Figure 2

Recommended front speaker locations

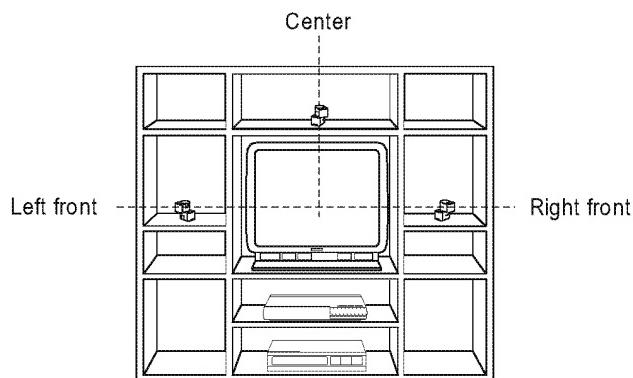
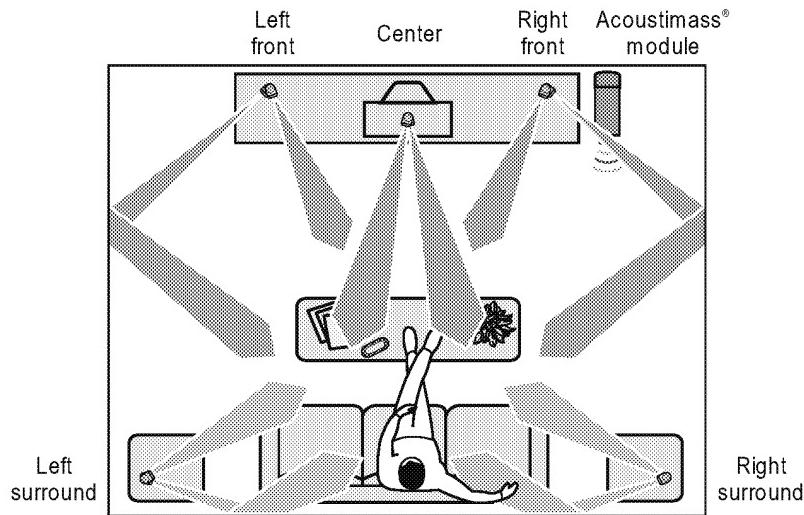


Figure 3

Speaker placement

**Center speaker**

The sound from the center speaker should appear to come directly from the center of the picture (Figure 2). The center speaker cable allows up to 20 feet (6.1 m) from the Acoustimass module.

 **Note:** Do not place the speaker on its side, as this diminishes performance by blocking the Jewel Cube ports.

1. Place the center speaker directly above or below the center of the TV screen, or at the closest convenient location.
2. Align the speaker with the front of the TV screen (not pushed to the back of the TV).
3. Direct each cube speaker slightly away from center, to create a wider area of direct sound (Figure 3).

 **Note:** If you put the speakers in a bookcase unit, be sure to place each one at the front edge of the shelf. Placing speakers in an enclosed space can change the tonal quality of the sound. This effect is minimized if the shelves are filled with books.

Surround speakers

The surround (rear) speakers create an area of sound around the listener. Place them in the back half of your room. The surround cables allow up to 50 feet (15.2 m) from the Acoustimass module.

1. Place the speakers at ear height or higher, if possible.
2. Adjust the rear surround speakers to direct the sound to the front and back of the listener (Figure 3).

Setting Up

Acoustimass® module

Follow these guidelines to select a location for the Acoustimass module.

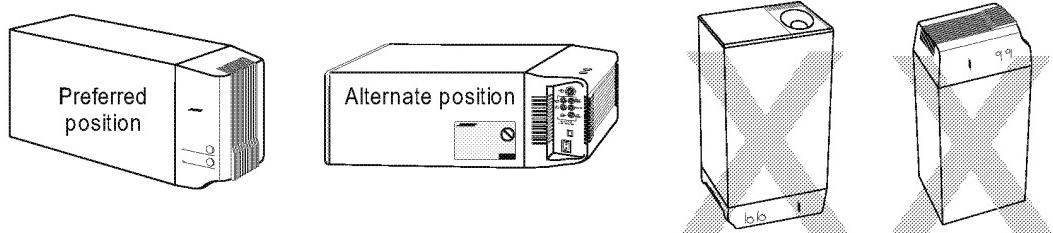


Note: To avoid interference with the TV picture, place the Acoustimass module at least 18 inches (45 cm) from the TV.

1. Place the Acoustimass module along the same wall or close to the same end of the room as the Jewel Cube® speakers (see the example along the front wall in Figure 3).
2. Select a convenient location – under a table, behind a sofa. Do not allow furniture or drapes to block the ventilation openings of the module.
3. Place the Acoustimass module within reach of the audio input cable, speaker cables, and an AC power (mains) outlet.
4. Select a position for the Acoustimass module (Figure 4). For proper ventilation, place it on the long edge, with the connectors facing the floor. An alternate position is on its largest side, with the bass and treble controls facing up. Do not place the module on either end, as shown by the last two views in Figure 4.

Figure 4

Acoustimass module positions



5. Once you have selected a position for the module, place the four self-adhesive rubber feet near the corners of the bottom surface. The rubber feet provide increased stability and protection from scratches.
6. Aim the port (the round opening) into the room or along the wall to avoid blocking the port or creating too much bass.
7. For best bass performance, do not place the port at equal distances from any two walls or from a wall and the ceiling.



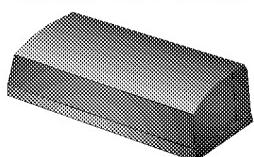
CAUTION: Do not cover the ventilation openings of the Acoustimass module. The slots on the end provide ventilation for the built-in electronic circuitry, and should not be blocked.



CAUTION: The magnetic field from the Acoustimass module is not an immediate risk to your video tapes, audio tapes, and other magnetic media. However, you should not store tapes directly on or near the Acoustimass module.

Figure 5

The multi-room interface



Multi-room interface

Select a location for the multi-room interface. It may be placed out of sight if you like.

1. Place the multi-room interface within 30 feet (9.1 m) of the Acoustimass module (the length of the audio input cable).
2. Place the multi-room interface close enough to the sound sources (TV, VCR, DVD, etc.) to allow for cable length. If you need additional audio and/or video cables to connect all of your components, see your dealer or call Bose® Customer Service.

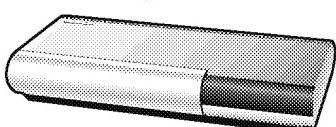
CD changer

Select a convenient location for the CD changer.

1. Place the CD changer on a level surface. Allow enough room to lift the door.
2. Place the CD changer close enough to the multi-room interface to allow for cable length of 6 feet (2 m).

Figure 6

The CD changer



Connecting your system

Once you have selected locations for your speakers, CD changer, and interface, connect the system.



CAUTION: Make sure all components are unplugged from the power outlet before you begin hooking up the system.

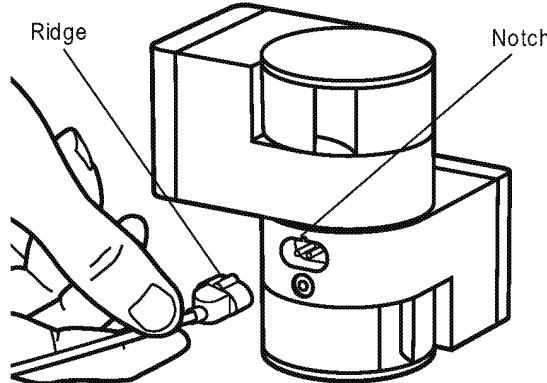
Connecting the Jewel Cube® speakers to the Acoustimass® module

1. Match each cable to the corresponding speaker location.
 - Front speaker cables have blue RCA connectors at one end, with L, R, or C molded into both the RCA connectors and the Jewel Cube connectors at the other end.
 - Surround speaker cables have orange RCA connectors at one end, with L or R molded into both the RCA connectors and the Jewel Cube connectors at the other end.
2. Insert the Jewel Cube connector of each cable fully into the jack on the rear of one of the five speakers (Figure 7). Match the ridge of the connector to the notch at the top of the jack.
3. Connect each cable to the corresponding jack on the Acoustimass module (Figure 8).
 - Plug the blue connectors into the matching left front, center, and right front jacks.
 - Plug the orange connectors into the matching left surround and right surround jacks.

To lengthen the cable, connect speaker wire with male phono (RCA) plugs on each end to your supplied speaker cable. Use a female-to-female adapter ("barrel" connector). Or, splice in 18-gauge (.75 mm²) or thicker cord (connecting + to + and - to -). To purchase extension wire, see your dealer or electronics store, or call Bose® Customer Service.

Figure 7

Connecting speaker cables to
Jewel Cube speakers



Setting Up**Connecting the Acoustimass® module to the multi-room interface**

Connect the module to the interface with the audio input cable (Figure 8).

1. Insert the right-angle multi-pin connector on the audio input cable into the AUDIO INPUT jack on the module. Align the connector at the angle shown in Figure 8.
2. Plug the small black multi-pin connector (flat side facing up) into the jack marked ROOM A (PRIMARY) on the back of the interface.

Note: The female RCA connector on the audio input cable is for connecting the digital output of a DVD player or other digital source to the system. See "Setting up a digital sound source" on page 12.

Note: Be sure that each connector is inserted completely into each jack.

For information on connecting multi-room systems, see "Connecting additional rooms" on page 40.

Connecting the CD changer to the multi-room interface

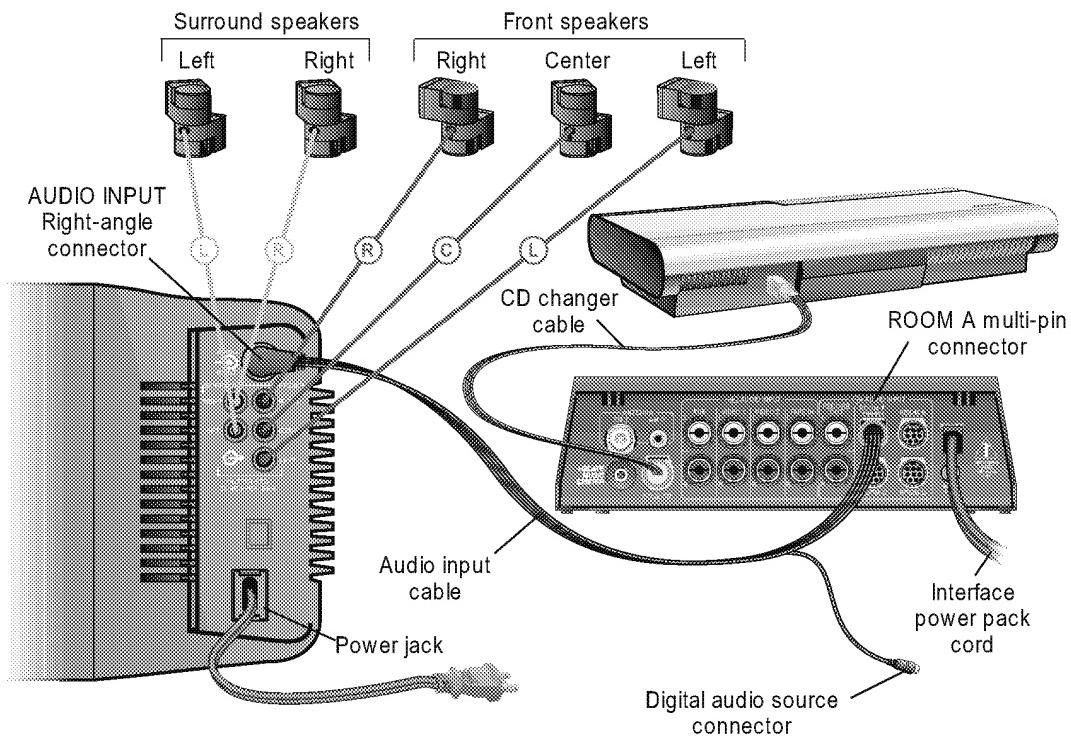
Connect the CD changer to the interface with the CD changer cable (Figure 8).

1. Plug a blue multi-pin connector (flat side facing up) into the jack marked BOSE CD on the back of the interface.
2. Plug the other blue multi-pin connector (flat side facing left) into the jack marked BOSE CD on the back of the CD changer.

Note: Be sure that each connector is inserted completely into each jack.

Figure 8

Speakers, CD changer, and multi-room interface connections



Connecting the Acoustimass® module power (mains) cord



CAUTION: If you have a dual-voltage system, make sure the voltage selector switch on the Acoustimass module is set correctly.

1. On a dual voltage system, the voltage selector switch is preset at the factory to be correct for your area. Check to be sure it is set for the proper voltage (Figure 9). Use 115V for North America; 230V for Europe and Australia. In Europe, use the adapter plug provided. If you are in doubt, contact your local electric utility for the appropriate voltage setting.

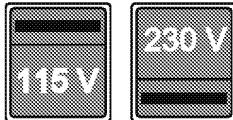


Note: Do **not** plug the AC power cord into a power outlet until all component connections are complete.

2. Plug the small end of the power (mains) cord into the Acoustimass module AC power jack.

Figure 9

Dual voltage Acoustimass module: voltage selector switch settings



Connecting the multi-room interface power pack

The multi-room interface comes with either a 100V, 120V, 230V, or 240V power pack. See Figures 1 and 10. Dual voltage models include both the PS71 and PS72 power packs.

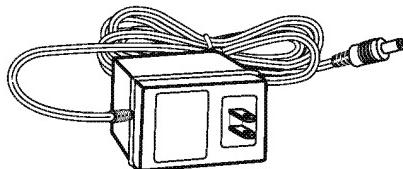


CAUTION: Be sure to use the correct Bose® power pack for your area. Using the wrong one may damage your power pack or your system.

- Model PS71, 120V in North America
- Model PS73, 100V in Japan
- Model PS77, 240V in Australia
- Model PS72, 230V in Europe
- Model PS74, 230V in UK or Singapore

Figure 10

The AC power pack (model PS71 shown)



Note: Do **not** plug the power pack into a power outlet until you complete all component connections.

1. Firmly insert the small connector on the end of the power pack cable into the AC power jack on the back of the multi-room interface.
2. Make sure that the power pack reaches an AC (mains) outlet.

Setting Up

Connecting your home theater components to the Lifestyle® 50 system

There are many possible variations of equipment in a home theater system. In addition to the Lifestyle® 50 system, a home theater typically includes a stereo or mono TV and stereo VCR. In a digital home theater system, the primary source may be a DVD player. Your home theater might also include other types of equipment such as cable TV, laserdisc players, CDI players, additional VCRs, and a satellite decoder.

- ♪ **Note:** A mono TV only serves as a display for the video, not as a source for the audio.

In order for the Lifestyle® 50 system to provide home theater effects, the program material must be in stereo or surround-encoded, and the device playing the material must be stereo. Look for the word "surround" on the tape, CD, or preceding the TV broadcast. To hear stereo or surround sound from encoded video tapes, you must have a stereo (HiFi) VCR. While not all VCRs deliver stereo, all CD, DVD, and CDI players and nearly all laserdisc players do.

- ♪ **Note:** Line level outputs from most VCRs or laserdisc players are fixed. If your VCR, laserdisc player, or other video sound source has fixed and variable outputs, use the fixed outputs.

Setting up a digital sound source

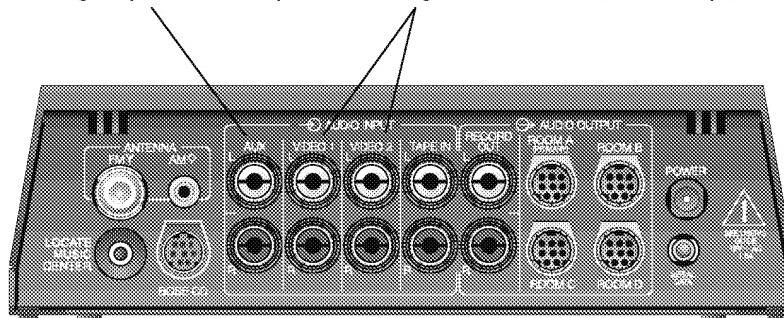
Connect a DTV or DVD player's digital output directly to the female RCA jack on the audio input cable. Connect the DVD player's analog output to the AUX inputs of the multi-room interface. If your Lifestyle® system receives a valid digital signal, including PCM or Dolby Digital bitstreams, this digital sound is used. If no valid digital signal is received, your system selects the analog signal sent to the AUX inputs. The analog signal is processed by the Videostage® decoder to give you excellent home theater sound. If your digital audio source has an optical connector, you will need an adapter with an RCA (coaxial) connector. Consult your dealer or contact Bose®.

- ♪ **Note:** Ensure the connection between the digital source and the Lifestyle® system is made using a 3 to 6 foot (1 to 2 m) standard audio cable or video cable. For longer lengths, use a 75 ohm cable.

Figure 11

Video sound source connections to the multi-room interface

DTV or DVD analog outputs to AUX inputs Non-digital video sound source outputs to VIDEO inputs



Setting up a video sound source

The Lifestyle® 50 system has two sets of video sound inputs, VIDEO 1 and VIDEO 2, for your non-digital video sound sources, such as your TV or VCR (Figure 11).

- ♪ **Note:** Your Lifestyle® 50 system includes one 6-foot (1.8 m) stereo cable to connect the right (R) and left (L) audio outputs from a component to the multi-room interface inputs. Cables may also be supplied with your components. If needed, audio cables are available at many electronics stores, or call Bose. Most audio cables are color coded. Match red connectors to right (R) jacks and black or white connectors to left (L) jacks.

How to set up your home theater

There are two basic methods for setting up your home theater. It is best to connect components directly to the Lifestyle® 50 multi-room interface, and select the sound source using the Personal™ music center. A second option is to use a stereo TV as the switching center to select the sound source. In each example, the analog outputs from the DVD player or other digital device are connected to the AUX inputs. You may need extra long audio cables or extensions for some of these connections.

Preferred method: Connect video sound sources directly to the Lifestyle® 50 system (Figure 12)

You may connect up to three video sound sources directly to your Lifestyle® 50 system. For example, connect the analog outputs of your DVD player to AUX, the VCR fixed outputs to VIDEO 1, and the TV to VIDEO 2 on the back of the multi-room interface. Connect the coaxial digital audio output from your DVD player to the female RCA coaxial connector on the audio input cable (connecting the multi-room interface with the module) using a male-to-male RCA audio cable.

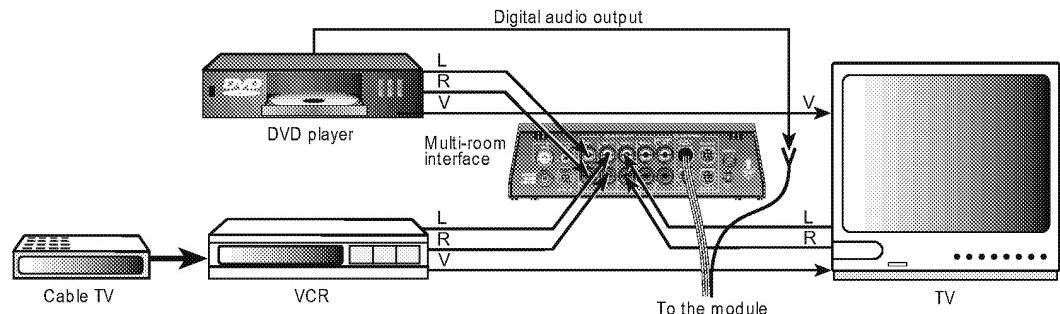
If a valid digital signal is received by the Lifestyle® 50 system through the audio input cable, the system plays that audio source. If no valid digital signal is received, the system selects the analog audio signal sent to AUX.

When connecting your TV:

- Connect the TV fixed audio outputs to the VIDEO 2 inputs on the multi-room interface.
- Turn the TV speakers off or the volume all the way down. (If there is an internal/external speakers switch, select external speakers. Do not connect any speakers to the TV.)
- Turn off any special TV settings such as expanded stereo, mega-bass, phantom or SAP. They prevent proper surround sound processing through your Lifestyle® system.
- Set the TV balance control to the center of the dial or range.
- Set tone controls to flat or the middle position (neutral).
- Set TV to the stereo position.

Figure 12

Preferred home theater connections to the Lifestyle® 50 system



Setting Up

Alternate method: Connect video sound sources to your TV (Figure 13)

If your stereo TV has fixed audio outputs (audio outputs that do not change when you adjust the TV volume) and it allows you to select the source of the signal (VCR, laserdisc, cable, etc.), then you can:

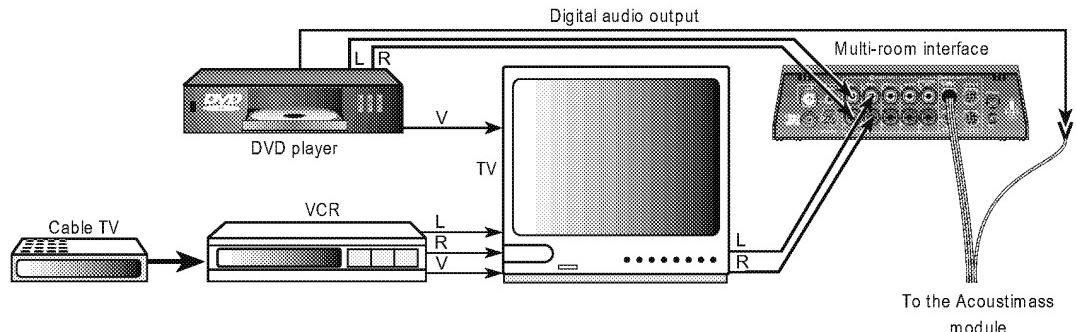
- Connect your DVD player L and R outputs to the AUX inputs of the multi-room interface.
- Connect the DVD video output to one of the video inputs on the TV.
- Connect the coaxial digital audio output from your DVD player to the female RCA connection on the audio input cable (connecting the multi-room interface with the module) using a male-to-male RCA cable.
- Connect the TV fixed audio outputs to the VIDEO 1 inputs of the multi-room interface.
- Turn the TV speakers off or the volume all the way down. (If there is an internal/external speakers switch, select external speakers. Do not connect any speakers to the TV.)
- Turn off any special TV settings such as expanded stereo, mega-bass, phantom or SAP. They prevent proper surround processing through your Lifestyle® system.
- Set the TV balance control to the center of the dial or range.
- Set tone controls to flat or the middle position (neutral).
- Set TV to the stereo position.

Note: If necessary, as a second choice, you can use the variable audio outputs from your stereo TV. Turn off or disconnect the TV's speakers and leave the volume control up – close to the maximum setting.

Note: If you connect your stereo VCR through your stereo TV, do not use coaxial cable. Instead, connect the VCR L and R audio outputs to the TV L and R audio inputs to ensure proper stereo and surround sound.

Figure 13

Alternate home theater connections to the Lifestyle® 50 system



About the video source

Your TV is the display for the video (picture) signal. Thus, the video signal must be connected directly to the TV. Do not connect it to the Lifestyle® 50 system.

- ♪ **Note:** For assistance with video connections between your DVD player and/or VCR and TV, see your video components manuals.
- ♪ **Note:** There is no video signal input (usually a yellow-coded jack) on the multi-room interface. The VIDEO INPUT jacks are for audio from a video source.

Connecting other external components

Use standard RCA audio cables to connect other components to your Lifestyle® system's multi-room interface, matching the red connector to R (right) and white (or black) connector to L (left).

You can use a Y-adapter (available at electronics stores) to connect a mono source.

Tape deck

To use an external tape recorder (analog audio cassette, analog open reel, digital audio tape, or Digital Compact Cassette), connect the inputs (REC) of the tape deck to the interface RECORD OUT jacks. Connect the outputs (PLAY) from the tape deck to the interface TAPE IN jacks. See Figure 14.

Laserdisc player or additional CD changer

To use one of these components, connect its audio outputs to the multi-room interface VIDEO 1, VIDEO 2, or AUX (if not used for a digital source) input jacks, matching the red plug to R (right) and black or white plug to L (left). See Figure 14.

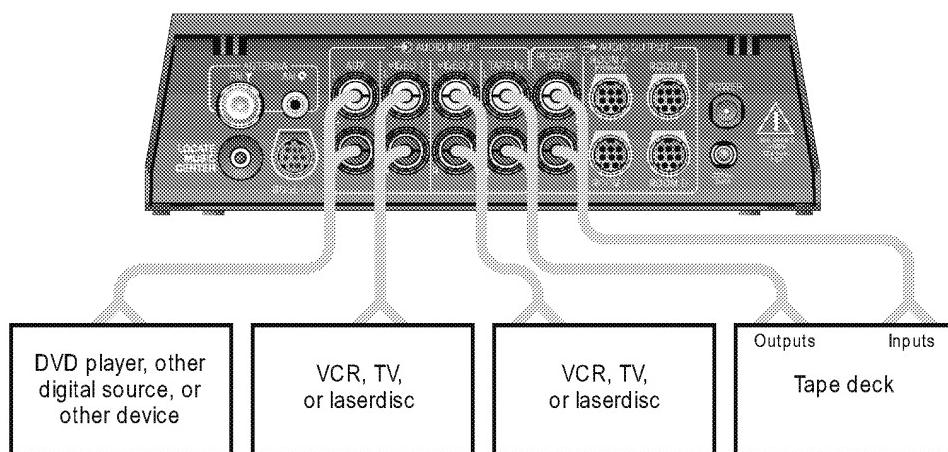
Turtable

To connect a turntable, you need a phono preamplifier (with RIAA equalization). You can order the appropriate model (PN 252603) from Bose® Customer Service (See the inside back cover for locations and phone numbers.). Connect the audio outputs of the phono preamplifier to the interface VIDEO 1, VIDEO 2, or AUX (if not used for a digital source) input jacks, matching the red plug to R (right) and black or white plug to L (left).

- ♪ **Note:** The Lifestyle® 50 system cannot turn on or off a connected component.

Figure 14

Connecting external components



Setting Up

Connecting the antennas

The rear panel of your multi-room interface provides connections for the supplied AM and FM antennas (Figure 15). Untie and straighten the bundled wires on each antenna. Antennas provide better reception when their wires are fully extended.

Figure 15

The antenna connections

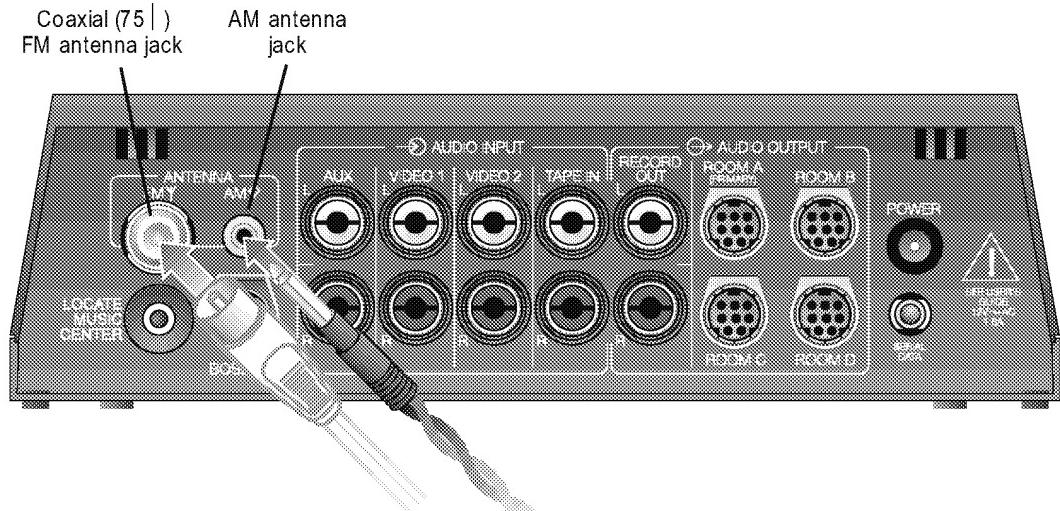
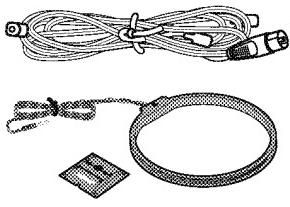


Figure 16

The FM dipole antenna and AM loop antenna



FM antenna connections

1. Plug the FM antenna connector into the FM ANTENNA jack on the back of the interface.
2. Spread out the antenna arms. Experiment with both the placement and the angle of this antenna to provide optimum FM reception.

Note: A central antenna or cable, or an outdoor FM antenna, may be used with the antenna connections. To install an outdoor antenna, consult a qualified installer. Follow all safety instructions.

AM antenna connections

- Note:** To install the AM antenna on a wall, follow the instructions enclosed with the antenna.
1. Plug the AM antenna microplug into the AM ANTENNA jack on the interface.
 2. Stand the loop antenna on the base, following the instructions enclosed with the antenna.
 3. Move the loop part of the antenna as far away from the multi-room interface as possible, but at least 20 inches (50 cm) away, and at least 4 feet (1.2 m) from the Acoustimass module. Experiment with the orientation of the loop for optimum AM reception.

Connecting to a cable radio signal

To connect your system to the FM signal available from some cable TV companies, contact your cable provider for assistance. The connection is made to the FM 75 Ω EXTERNAL antenna connector on the back of the interface.

CAUTION: Be certain that the installation includes a signal splitter so that only the FM band, not the cable TV band, is transmitted to the system. It is necessary to use a splitter that filters the signal to prevent any re-emissions of the TV spectrum through the system.

Connecting power to your system

Plug the Acoustimass® module power cord into an AC power (mains) outlet. Then plug in the multi-room interface power pack.

 **Note:** Your speakers will not operate unless you complete all cable and power connections before turning on the system.

 **CAUTION:** Be sure the three shipping screws on the bottom of the CD changer have been removed before turning on the system.

Setting up the Personal™ music center

Set up the Personal music center after the rest of the system is connected and plugged in.

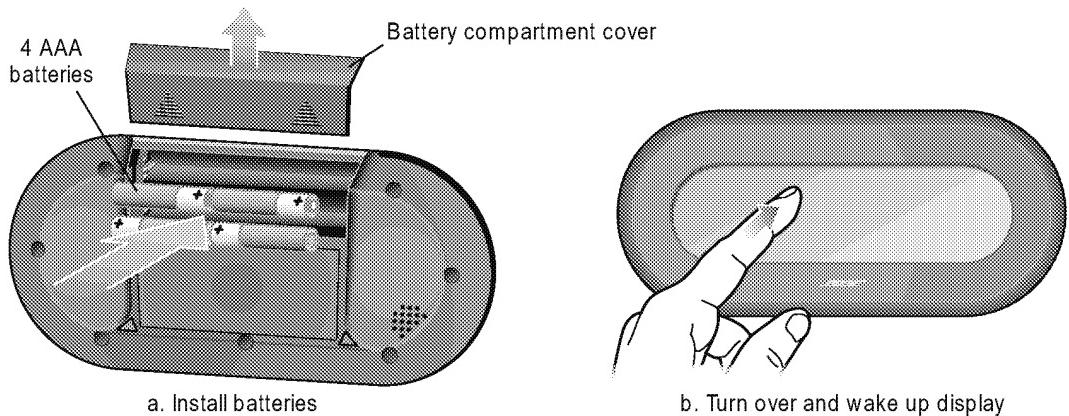
 **Note:** When batteries are first installed in the music center, it sets up a radio-frequency link with the closest multi-room interface.

1. Hold the music center within a few feet of the multi-room interface.
2. Slide open the battery compartment on the back of the music center (Figure 17).
3. Insert 4 AAA or IEC-R03 1.5V batteries, or the equivalent, as shown. Match the + and – symbols on the batteries with the + and – markings inside the compartment.
4. Slide the battery compartment cover back into place.
5. Turn the music center over and touch the screen to wake it up if it appears blank. Press ON/OFF, FM, or any other source button to turn the system on.

If the music center continuously displays “NO RESPONSE,” you need to try to establish its link with the multi-room interface again. Hold the music center close to the multi-room interface. Press and hold MUTE for about 5 seconds until you hear a beep and then release. After about 10 seconds, the music center should beep twice to confirm that the link is established.

Figure 17

Installing batteries and waking up the display for the first time



 **Note:** Replace the batteries when the LOW BATTERY message first appears. See “Replacing batteries” on page 44. Alkaline batteries are recommended.

Turning on the system

You are ready to enjoy your new Lifestyle® system. Your Personal™ music center places complete control of the system operations in your hands. The center is portable, communicating with the rest of the system through a two-way radio-frequency link. The display is backlit for easy viewing, and provides visual feedback of current system operations and available options. To allow for maximum battery life, the display and backlight turn off a short time after your last button press. You only need to touch the screen to wake up the music center.

- To learn more about the display, see “Using the Personal music center display” on pages 20-21.
- To operate the AM/FM radio, see “Listening to the radio” on pages 26-28.
- To operate the CD changer, see “Listening to compact discs” on pages 29-34. To verify your system setup, listen to the instructions on the Test CD.
- To control external components, see “Using the system with external components” on page 35.
- To use your system in multiple rooms, see “Operating in more than one room” on pages 41-43.

Turning the system on

1. Touch the music center screen to wake up the display (Figure 18). The last display that you used appears on the screen.
2. Press ON/OFF to turn the system on to the last source used, or press a SOURCE button (FM, AM, CD, VIDEO 1, VIDEO 2, TAPE, AUX) to select and turn on that source (Figure 19).

 **Note:** Initially, the AM and FM sources turn on in 2-speaker mode (front right and front left). All other sources initially turn on in 5-speaker mode. To change the speaker settings, see “Selecting the number of speakers” on page 22.

Figure 18

Waking up the display

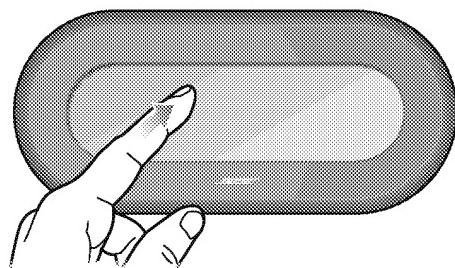
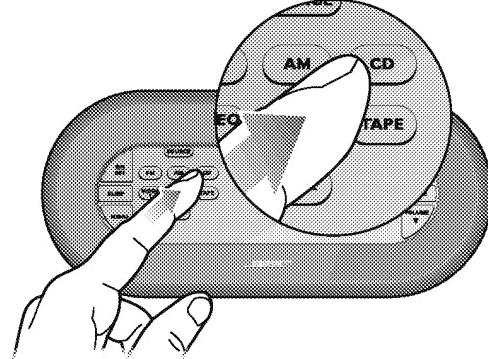


Figure 19

Turning on a source



Turning the system off

- Press the ON/OFF button.

Adjusting the volume

- Touch the VOLUME ▲ (up) or ▼ (down) button to raise or lower the volume.
- Volume settings range from 0 to 100. Volume settings are displayed while being adjusted.
- If the volume was above 80 when the system was turned off, it will turn on at 80 (to prevent surprising you with an extremely high volume).

Muting your system

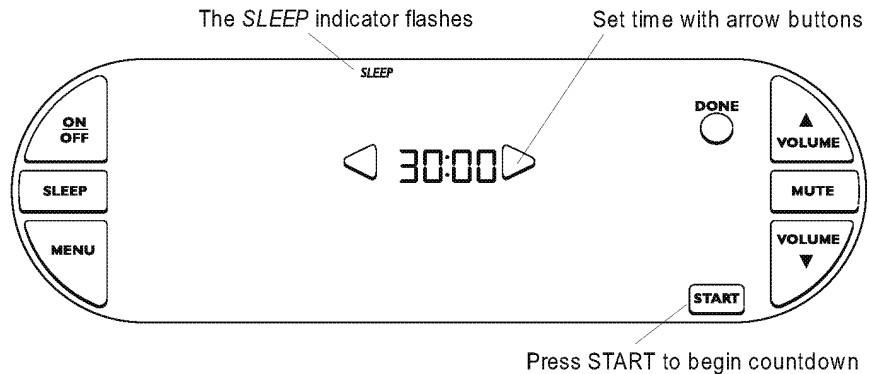
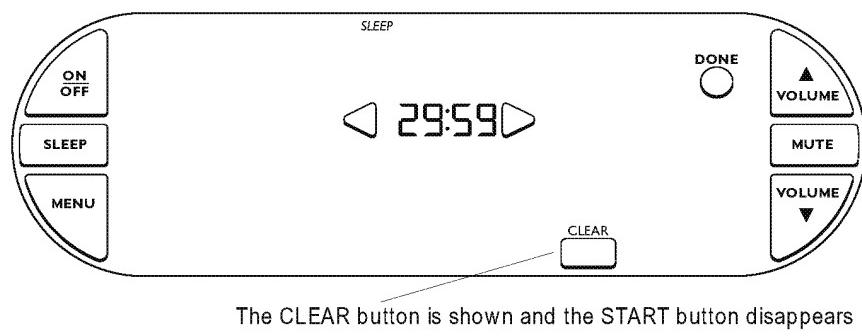
- Press the MUTE button to silence the system. MUTE flashes on the display when the system is muted.
- Press MUTE again or VOLUME ▲ to restore volume to the muted speakers.

Using the sleep timer

- Press the SLEEP button to access the sleep timer for automatic shutoff. The display flashes a sleep time of 30 minutes or the most recent sleep time setting (Figure 20). The SLEEP indicator is also flashing.
- Use the arrow buttons to set the sleep timer to 1 to 99 minutes.
- Press the START button to start the counter. The START button disappears and a CLEAR button appears at the bottom of the display.

Figure 20

The SLEEP display

Before pressing START ...**After pressing START ...**

While the sleep timer is running, you can:

- Press CLEAR to cancel the timer.
- Press DONE to exit from the SLEEP display.
- Press SLEEP again to view the time remaining.

The selected SLEEP time is remembered by the music center. The next time SLEEP is selected, the display shows the last SLEEP time used.

Using the Personal™ music center display

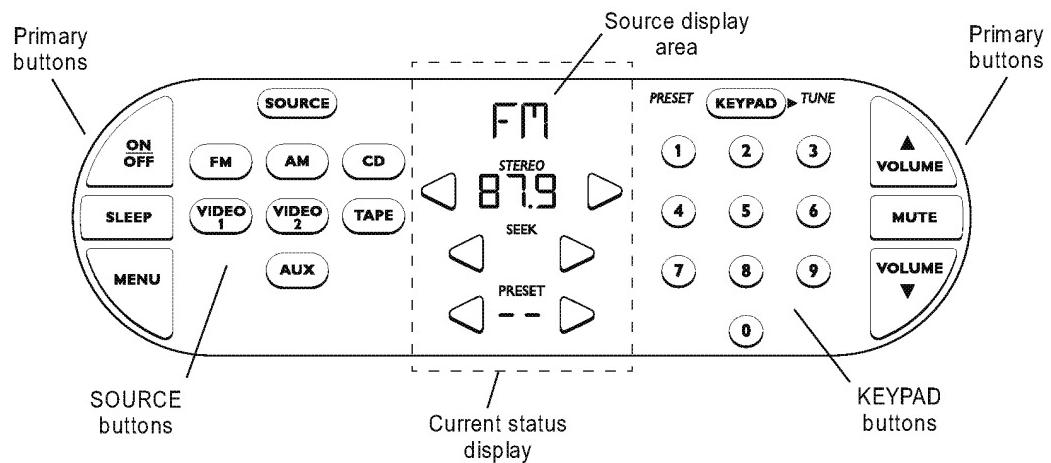
The music center display provides information on the system functions. The display offers different combinations of buttons to provide control of the function you are using. Sometimes an item on the display will flash to provide information about a system function. When an item flashes faster, it is alerting you to a needed action.

Using the primary buttons

The primary buttons (ON/OFF, SLEEP, MENU, VOLUME, and MUTE) are located at the left and right sides of the display.

Figure 21

The display showing the primary buttons, SOURCE buttons, and KEYPAD buttons



Using the SOURCE buttons

The seven source buttons provide direct access to the three built-in sources (FM, AM, CD) and up to four external components connected to the system. The Lifestyle® system can select an external component and adjust the volume, but it cannot turn a connected component on or off.

Use the SOURCE button to show or hide the source buttons.

Using the KEYPAD buttons

The numeric buttons provide direct access to commonly used features of the three built-in sources (FM, AM, CD). The \blacktriangleleft or \triangleright arrow symbol to the left or right of the KEYPAD button indicates whether you are using the keypad for presets or tuning (in FM or AM mode), or selecting disc or track (in CD mode).

Use the KEYPAD button to show or hide the keypad buttons and select PRESET or TUNE, or DISC or TRACK.

Using the current status display

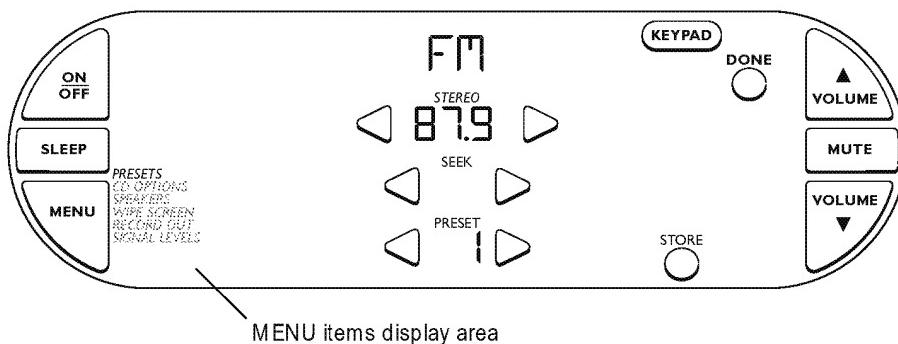
The center of the screen displays information about the current status of the system. The top of the status area indicates which source is selected or if the power is off. The next three lines let you set tuner or CD functions, using the \blacktriangleleft or \triangleright arrow buttons to adjust the settings. The center area also includes indication of CD modes such as RANDOM and REPEAT, or if the SLEEP function is on.

Using the MENU items

The menu items are selected by pressing the MENU button to step through the list until the function you want is displayed. Menu items are available in the list if they are applicable to the current state of the system. You can exit from any menu item by pressing DONE or ON/OFF or pressing MENU until you return to the main screen.

Figure 22

Selecting MENU items – one at a time



PRESETS

You can preset a maximum of 25 FM and 25 AM radio stations. In addition to using the PRESETS menu, you can set presets directly from the KEYPAD buttons. See pages 27-28.

WIPE SCREEN

Select this option when you need to wipe the display to clean off fingerprints, etc. WIPE SCREEN allows you 20 seconds to clean the display without affecting the system operations. See "Cleaning the Personal™ music center" on page 45.

CD OPTIONS

Select this option to create and edit a CD play list even if you are listening to another source. If you are in CD mode, you can also select random and repeat play. See "Using the CD OPTIONS menu" on pages 32-34.

SPEAKERS

Use this option to select the number of speakers you want to listen to, and adjust surround and center speaker volume levels. See "Selecting the number of speakers" on page 22.

RECORD OUT

Use this option to select which source is directed to the RECORD OUT (line out) jacks, allowing you to listen to one source while recording another. See "Using a tape recorder with your system" on page 35.

SIGNAL LEVELS

The SIGNAL LEVELS option allows you to read the received signal strength of AM and FM radio stations. It also allows you to equalize the volume levels of externally connected components. See "Optimizing AM/FM radio reception" on page 36, or "Equalizing the volume levels of external sources" on page 37.

Operating Your Lifestyle® 50 System

Listening to the system

Your Lifestyle® 50 system uses digital signal processing to bring even greater realism and impact to both movies and music recordings. Built-in Dolby Digital decoding delivers up to 5.1 discrete audio channels (that is, five for the independent Jewel Cube® speakers and one for rich bass from the Acoustimass® module) from DVD, digital TV, next-generation cable boxes, and satellite receivers. With analog formats, as well as for two-channel PCM and Dolby Digital bitstreams, Videostage® decoding steers front information to the left, center, and right, and directs surround information to the left and right rear channels. As a result, the sound of stereo broadcasts and rented or recorded tapes can approach that of your DVD discs.

In addition, Videostage decoding can process a one-channel program and direct five-channel sound to five independent speakers. Dialogue remains locked on-screen, while music and ambient effects fill the room to increase your listening enjoyment.

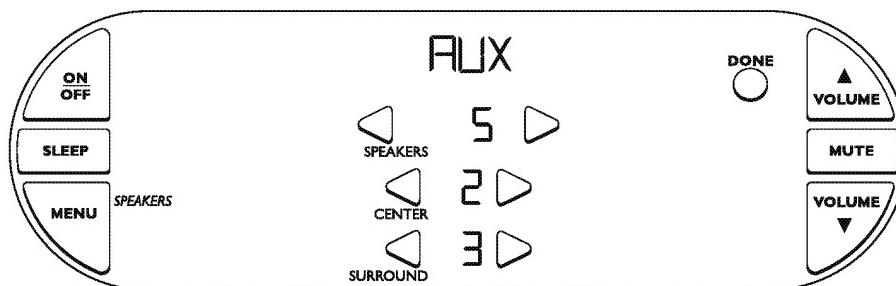
You may choose to listen through two, three, or five speakers. Traditional stereo may be enjoyed through two or more speakers. Listening through three or five speakers helps anchor the dialogue of movies to the picture and provides a more solid image for music vocals. For the greatest surround effect, listening through five speakers gives you the most convincing sound experience.

Selecting the number of speakers

Initially, the AM and FM sources turn on in 2-speaker mode (front right and front left). All other sources initially turn on in 5-speaker mode. To change the speakers setting, press the MENU button until SPEAKERS is displayed (Figure 23). Use the \triangleleft or \triangleright arrow buttons to change speaker mode from 5 to 3 or 2. Speaker settings are remembered for source and room.

Figure 23

Speaker selection display



Adjusting center and surround levels

The SPEAKERS selection display (Figure 23) also allows you to adjust the volume levels of the center and surround speakers. At the factory, these levels are set to zero. To adjust them, press the MENU button until SPEAKERS is displayed. Then use the \triangleleft or \triangleright arrow buttons to adjust the levels.

- The CENTER level can be adjusted to soften or emphasize center speaker image.
- The SURROUND level can be adjusted to move the surround information forward in the room or further to the rear.

The system remembers the center and surround level settings for the room in which they were adjusted.

Using enhanced mode for movie soundtracks

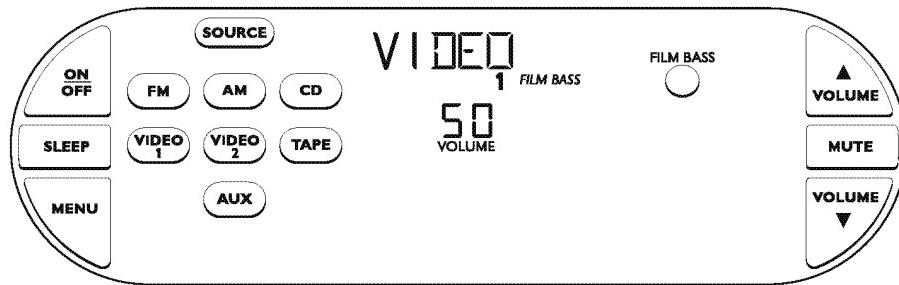
Pressing VIDEO 1 or VIDEO 2 initially turns the system on in enhanced mode, with bass and treble settings specially designed for proper playback of movie soundtracks. Enhanced mode is turned on or off using the FILM BASS button on the display (Figure 24). When enhanced mode is on, the words *FILM BASS* appear on the display. Pressing TAPE initially turns the system on in the standard listening mode. FILM BASS cannot be engaged for AM, FM or CD.



Note: Enhanced mode provides more bass and less treble, as is specified for proper playback of movie soundtracks.

Figure 24

Selecting enhanced mode (FILM BASS) for movie soundtracks



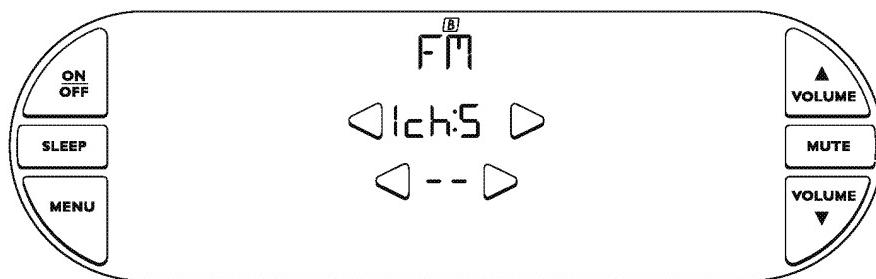
Using simulated surround for mono movie material

Bose® Videostage® decoding can process a one-channel program into five-speaker sound, directing the signals so that dialogue remains locked on-screen, while music and ambient effects fill the room. You experience a surround sensation, providing extra enjoyment when you watch older, pre-stereo movies. This feature can be used for mono TV, FM, and AM programs. It is automatically turned on when a Dolby Digital bitstream indicates that it contains a mono program.

For other mono program sources, you can engage or disengage this feature using the Personal™ music center. Press MENU and hold it until **drc** or **1ch:5** appears on the display. If **drc** is displayed, press either of the top \triangleleft or \triangleright arrow buttons to select **1ch:5** (Figure 25). Then use the lower \triangleleft or \triangleright arrow buttons to select between **On** or **-- (Off)**. Initially, this feature is **On** for AM and off (**--**) for all other sources. If you change the setting for any source, the system is reset to these settings when you turn off a room.

Figure 25

Selecting five-speaker sound for a mono source



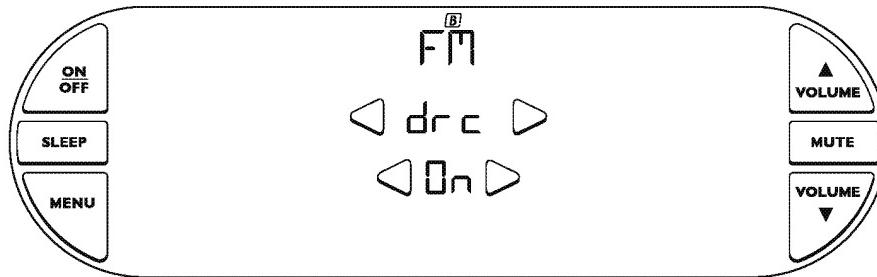
Operating Your Lifestyle® 50 System**Digital Dynamic Range® compression**

This feature automatically monitors and adjusts the volume to let you hear soft sounds (particularly dialogue), but reduces the chance of you being overwhelmed by a loud special effect such as an explosion. Digital Dynamic Range compression is initially disengaged for all sound sources.

You can engage or disengage Digital Dynamic Range compression using the Personal music center. Press MENU and hold it for about two seconds. You should see **drc** on the display. If not, press the left or right arrow button until **drc** is displayed. Using the left or right arrow button below **drc**, select **On** or **-- (Off)** (Figure 26). The music center remembers your settings in the event of a power loss.

Figure 26

Selecting Digital Dynamic Range compression

**Listening to digital sound****Turning on the digital audio source**

Turn on the DVD player, DTV, or other digital audio source. Make sure a disc is loaded in the DVD player.

Turning on the system and choosing digital sound

Press AUX to turn your system on to play digital sound. If your Lifestyle® system does not receive a valid PCM or Dolby Digital bitstream, it will automatically select the analog signal connected to the AUX jacks on the multi-room interface.

Selecting listening material

To select material with compatible digital-audio bitstreams, look for the terms PCM or Dolby Digital, or the symbol on DVD-Video discs. Your Lifestyle® 50 system cannot process MPEG-2 or DTS digital bitstreams. Make sure a connection is made between your DVD player or Digital TV's digital audio output and your system's digital audio input.

To select surround-encoded analog or digital audio material, look for the terms Surround or Dolby Surround, the symbol on tapes and discs, or the word "surround" preceding a TV broadcast. You can listen to any program material in five-speaker (surround sound) mode, though you may not hear sound from all five speakers all the time. Some monaural and stereo materials will not cause sound to be directed to the surround speakers. Even with surround-encoded material there are times when no sounds are directed to the surround speakers.

Operating the special features

See "Listening to the system" on pages 22-24 for a more detailed explanation of these special features.

Enhanced mode

When you select	The mode is	To change this
VIDEO 1, VIDEO 2	Enhanced (FILM BASS on)	Press the FILM BASS button.
TAPE, AUX	Standard (FILM BASS off)	Press the FILM BASS button.
CD, AM or FM	Standard	Not applicable. You cannot select enhanced mode for CD, AM or FM.

Simulated surround (monaural into 5 speakers)

When your audio source is	Simulated surround is	To change this
AUX source with Mono Dolby Digital, AM	ON	Press and hold the MENU button. Select 1ch:5 and switch to -- (Off).
Anything else	OFF	Press and hold the MENU button. Select 1ch:5 and switch to On .

Digital Dynamic Range® compression

When you select	Digital Dynamic Range is	To change this
Any SOURCE	OFF	Press and hold the MENU button. Select drc and switch to On .

Operating Your Lifestyle® 50 System**Listening to the radio**

Your Lifestyle® system has a built-in AM/FM radio. Good AM/FM radio reception depends on the location and orientation of the AM and FM antennas. See "FM antenna connections" and "AM antenna connections" on page 16 for proper antenna installation. See "Optimizing AM/FM radio reception" on page 36 for help with antenna adjustment.

Turning the system on and choosing the radio

Press FM or AM to turn your system on to the most recently selected FM or AM station. If the system is already on, use the FM or AM button to select either of these sources.

Setting radio channel spacing

On some multi-room interfaces, the AM and FM channel spacing can be set for North America (US: 10 kHz for AM and 200 kHz for FM) or Europe (EU: 9 kHz for AM and 50 kHz for FM). Select the channel spacing most appropriate for your area.

To change between US and EU channel spacing, press and hold the SOURCE button for two seconds. Press either arrow button until **tunr** appears. Using the arrow buttons select US or EU. Press DONE to exit.

Selecting FM or AM

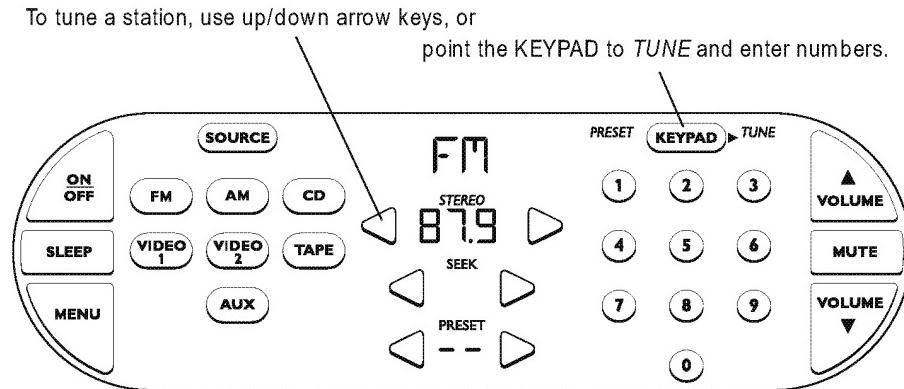
Press the FM or AM SOURCE button to turn on the radio band desired. Select a station by tuning manually, seeking a strong station, or selecting a preset station.

Manually tuning a radio station

To manually tune a radio station, press the ▲ (decrease) or ▼ (increase) arrow button on either side of the frequency display to change the frequency in small steps (Figure 27). Or, press the KEYPAD button until the indicator arrow ► points toward **TUNE**. Then use the number buttons to enter the frequency of the station you want to tune. The left-most digit is entered first and the display flashes while you enter more digits. When you have entered the station frequency, the system selects that station or the closest valid station.

Figure 27

Tuning the radio from the FM source display

**Receiving FM stereo or monaural broadcasts**

When receiving sufficiently strong FM stereo broadcast signals, the radio automatically receives in the stereo mode; the **STEREO** indicator appears on the display. Weak stereo signals are received in the monaural mode (the **STEREO** indicator is off).

To force the tuner to receive in stereo mode only, press and hold the center of the station display until you hear a high-pitched beep. To receive in monaural mode only, press and hold until you hear a low-pitched beep. However, even though you may have forced the stereo mode, monaural broadcast material is still heard in monaural. Retuning the station cancels any forcing.

Receiving AM stations

Normally, the AM radio receives sufficiently strong AM stations using a wide bandwidth filter. If you experience difficulty tuning to a weak AM station, you can force the AM tuner to use a narrow bandwidth filter to eliminate interference from other stations.

To force the tuner to use a narrow bandwidth filter, press and hold the center of the station display until you hear a low-pitched beep. To switch back to the wide bandwidth filter, press and hold until you hear a high-pitched beep. Retuning the station cancels any forcing.

Seeking the strongest stations

Press either the \triangleleft or \triangleright SEEK arrow button to tune to the next strong station.

Selecting a preset station

You can select a preset station using the \triangleleft or \triangleright PRESET arrow buttons or the KEYPAD. To use the KEYPAD, press the KEYPAD button until the indicator arrow \blacktriangleleft points toward PRESET. Then enter the number of the preset station you want.

- ♪ **Note:** If you have not selected a valid preset location, the system remains at the current setting.

Setting a station preset

Your Lifestyle® system can store up to 25 FM and 25 AM station presets. You can set presets using the STORE button, KEYPAD, preset number display area, or PRESETS menu.

Setting a preset using the STORE button

During normal AM/FM radio operation when the keypad is not displayed, you can see the STORE button at the bottom of the screen. To store a preset in the next available location, press and hold the STORE button until the music center beeps and the new preset number appears.

Using the KEYPAD to quick-store presets

You can quick-store presets in locations 1 through 9. Hold down any KEYPAD number button from 1 to 9 until the music center beeps and the new preset number appears.

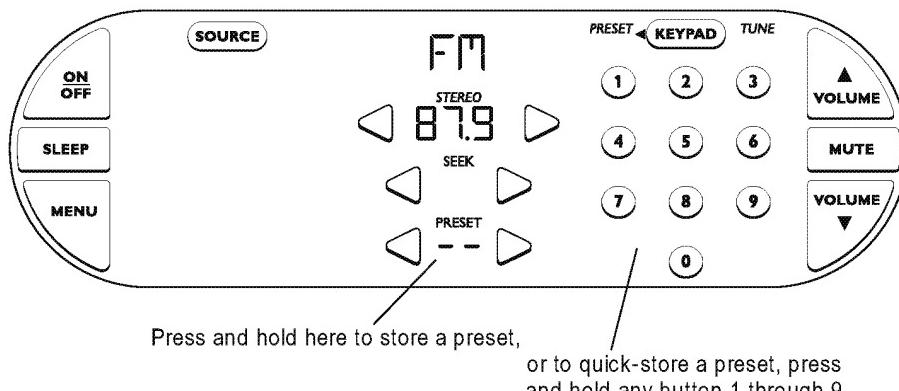
Setting a preset using the preset number display

You can quick-store a station using the PRESET number display. Press and hold down the display area between the PRESET arrow buttons (dashes or a preset number are displayed) until the system beeps. After the beep, the new preset number is shown. This stores a new preset at the next available preset number. Use the PRESETS menu (page 28) if you want to change a preset to a different station.

- ♪ **Note:** If the display says FULL after pressing the PRESET number display area, no more presets are available. See "Erasing a preset station" on page 28.

Figure 28

Setting presets using the PRESET number display or KEYPAD



Operating Your Lifestyle® 50 System**Setting presets using the PRESETS menu**

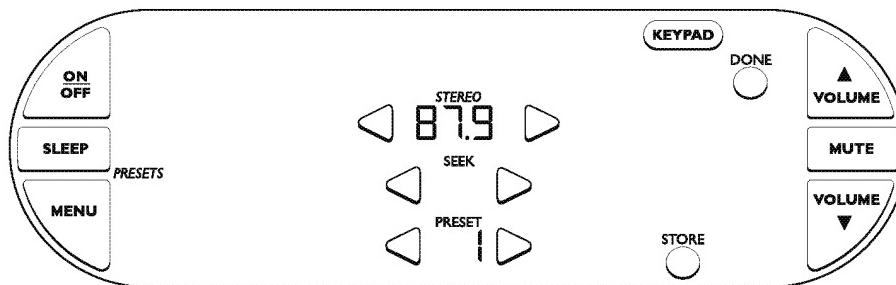
You can set station presets using the PRESETS menu which is available only when AM or FM is the selected source.

To set a preset station:

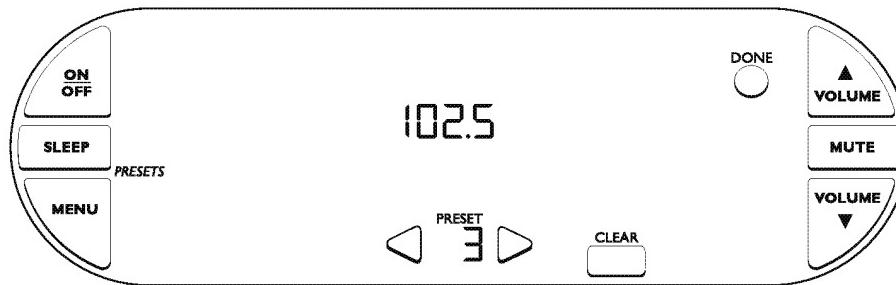
1. Select the AM or FM source.
2. Press the MENU button once to access the PRESETS menu (Figure 29).
3. Select an unused preset number and then a station using the arrow buttons. Stations can also be selected using SEEK or the KEYPAD. Any preset number not used flashes on the display.
4. Press the STORE button to set the selected station to a selected preset number. To confirm a stored preset, the music center displays the station frequency and a CLEAR button (Figure 30). The CLEAR button appears whenever you select a stored preset, giving you the option of erasing the setting.

Figure 29

Selecting a station for a preset

**Figure 30**

After setting a station as preset 3

**Erasing a preset station**

To erase a preset station, press MENU once to access the PRESETS menu. Select the preset number you want to erase and press CLEAR.

Managing your preset stations

Using the PRESETS menu makes it easier to organize your preset stations, and store a specific station in a specific preset location. Here are some tips:

- Since any station can be assigned to more than one preset number, you can reserve a group of preset numbers for each household member to allow for different preferences.
- You can reserve different number groups for different types of stations.
- For easy reference, you may want to keep a written record of your presets.

Listening to compact discs

Using the CD changer

You can load the CD changer with up to six compact discs at a time.

Loading discs into the CD magazine

To load the CD magazine, hold it as shown in Figure 31. Insert up to six discs, label side up. Take care to place only one disc in each slot. Note the slot numbers 1 through 6, from bottom to top, on the front edge window. These numbers correspond to the CD numbers on the display.



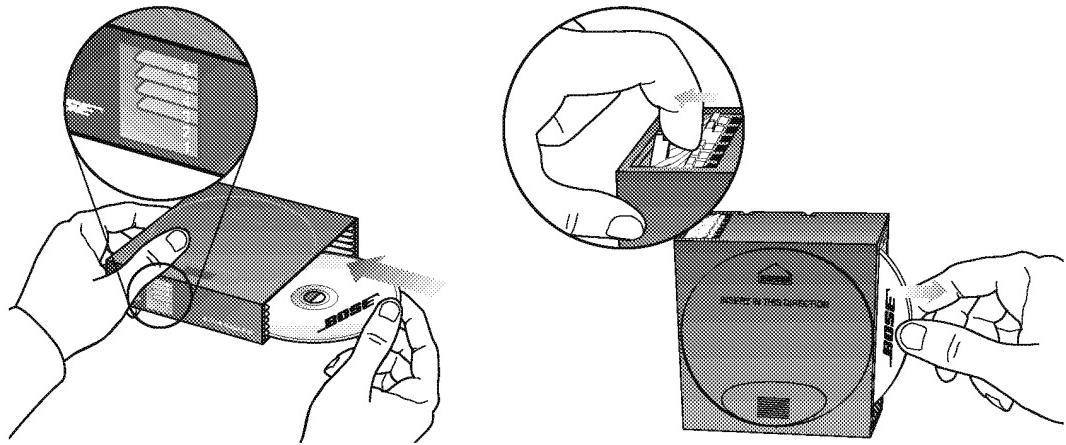
CAUTION: Do not insert more than one disc into any slot. Forcing two discs into one slot could cause them to become stuck, and could damage the discs, the CD magazine, or the CD changer.



Note: If a disc is upside-down, it does not play. The display flashes the disc number.

Figure 31

Loading and ejecting a CD



Ejecting discs from the CD magazine

Press the white lever that corresponds to the disc you want to eject. This ejects the disc far enough for you to grasp the edge and remove it from the magazine (Figure 31).

Loading the CD magazine into the CD changer

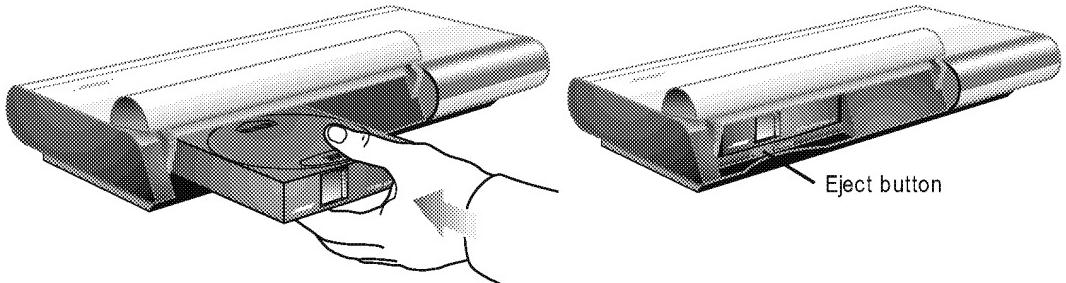
Open the CD changer door. Insert the CD magazine fully into the CD changer, following the direction of the arrow on the magazine (Figure 32).

Ejecting the CD magazine from the CD changer

Press the EJECT button, at the lower left of the magazine slot, to remove the magazine (Figure 32). If a CD is playing, pressing the EJECT button stops the CD, replaces it in the magazine, and ejects the magazine.

Figure 32

Loading and unloading the CD magazine



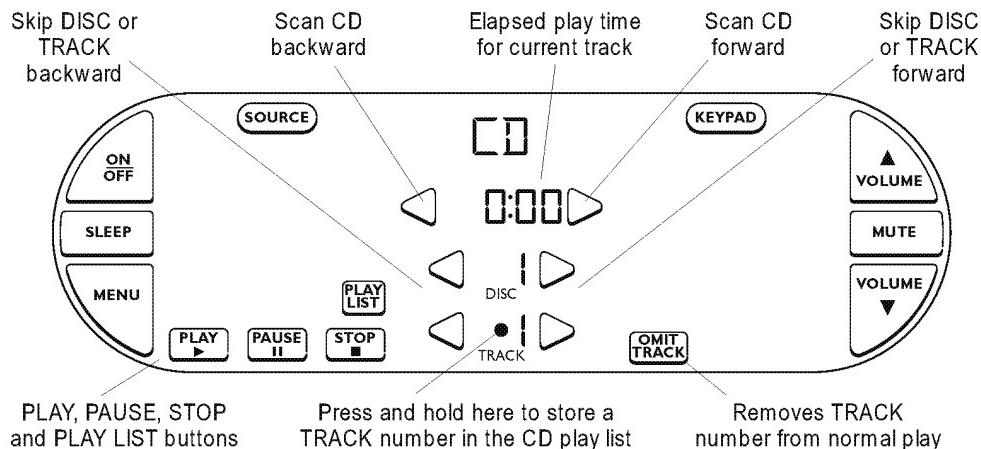
Operating Your Lifestyle® 50 System**Turning the system on and choosing the CD changer**

Press the CD source button to select the CD changer. If the system is off, this turns it on at the same time. When you press CD, the CD changer display (Figure 33) appears on the display. If a CD has been loaded, it begins to play. If no disc is installed, a **noCD** message is displayed.

- ♪ **Note:** To prevent excessive wear on the CD mechanism, CD play or random play operations automatically stop after 24 hours.

Figure 33

The CD changer display

**To play a CD**

Press the PLAY ► button. The button symbol ► flashes until play begins.

To pause a CD

Press the PAUSE II button. The button symbol II flashes. Press PAUSE or PLAY to resume. If left unattended, the CD changer mode changes from PAUSE to STOP after 20 minutes. You can skip tracks forward or backward while paused.

To stop a CD

Press the STOP ■ or OFF button. If you press STOP ■, the disc number, total play time and number of tracks appear briefly on the display.

To skip to other tracks

To skip to the next track, press the TRACK forward ► button. To skip to the previous track, press the TRACK backward ◀ button. Pressing TRACK ◀ while playing a CD skips you to the beginning of the track in play.

To play another disc

Press the DISC forward ► or backward ◀ button. This skips you to the next or previous disc in the changer and starts playing the CD. The message **CHANGING** is displayed until play begins. Empty disc changer slots are automatically skipped.

To scan a disc

Press and hold the scan forward ▶ or backward ◀ button (these are the ones to the left and right of the play time display). Scanning back or forward stops at the first or last track of the disc. You can scan a CD while it is paused.

To add a track to the play list

Skip to the track you want to add to the play list. Press and hold the TRACK number display area. The current track number is stored in the next available location in the CD play list.

To omit a track from normal play

Select the TRACK number, then press and hold the OMIT TRACK button. You can omit up to 15 tracks and you can omit a track while it is playing. Omitted tracks are not played during normal, repeat, or random play modes.

You can skip to an omitted track using the TRACK forward ▶ or backward ◀ button. When on an omitted track, the word OMITTED is displayed and the OMIT TRACK button becomes CLEAR OMIT TRACK.

To clear an omitted track and restore it to normal play, skip to the omitted track number and then press CLEAR OMIT TRACK. To clear all omitted tracks at the same time, eject the CD magazine.

To listen to the CD play list

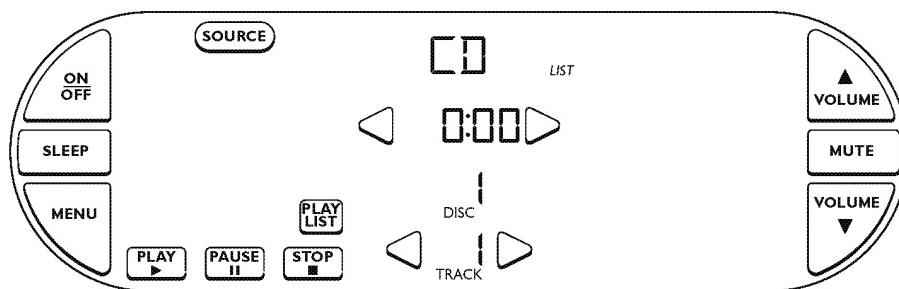
- Press the PLAY LIST button (Figure 34).
- To cancel PLAY LIST, press STOP, or press PLAY LIST again. If you press STOP, the current CD stops playing. If you press PLAY LIST again, the current CD continues to play.

 **Note:** The PLAY LIST button appears only after you store CD selections in the play list memory. To program a play list, see "Programming a CD play list" on page 33.

If the play list has an invalid entry, such as a track number that can't be found, it is skipped during play. If a CD was removed or exchanged, the system tries to play the disc as programmed. Unavailable items are skipped.

Figure 34

Display after pressing PLAY LIST

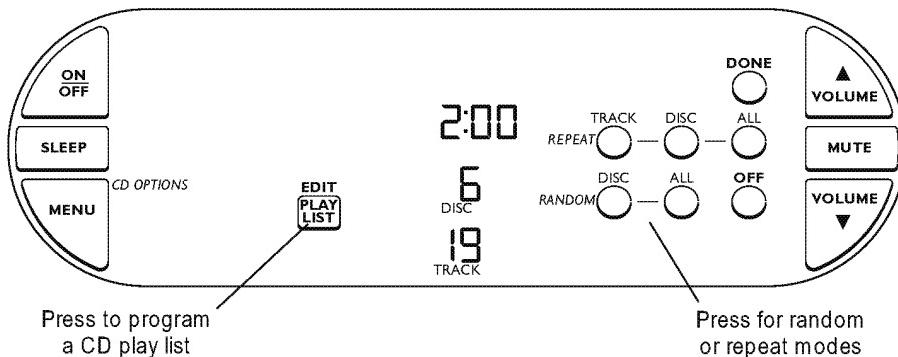


Operating Your Lifestyle® 50 System**Using the CD OPTIONS menu**

From the *CD OPTIONS* menu you can select repeat or random play, or program a CD play list. To access the *CD OPTIONS*, press the MENU button until *CD OPTIONS* is displayed (Figure 35). You can do this while a CD plays if you wish.

Figure 35

CD options display

**Selecting repeat and random modes**

Repeat and random modes remain active until you press STOP ■ or OFF. To place the system in a repeat or random mode, go to the MENU button and select *CD OPTIONS*. Use the *REPEAT* and *RANDOM* buttons to select the mode you want. Press *DONE* to exit the *CD OPTIONS* menu. To cancel a repeat or random mode, press *OFF* in the *CD OPTIONS* menu. You can select the following repeat and random modes:

Mode	Press	What it does
Repeat track	REPEAT TRACK	Repeats selected track for 24 hrs.
Repeat CD	REPEAT DISC	Plays all tracks on selected disc in order. Repeats for 24 hrs.
Repeat all	REPEAT ALL	Plays all loaded discs in order. Repeats for 24 hrs.
Random CD	RANDOM DISC	Plays selected disc once in random order and stops.
Random all	RANDOM ALL	Plays all tracks on all discs once in random order and stops.
Repeat random CD	REPEAT DISC then RANDOM DISC	Plays selected disc in random order. Repeats for 24 hrs.
Repeat random all	REPEAT ALL then RANDOM ALL	Plays all discs and tracks in random order. Repeats for 24 hrs.

Selecting play list modes

You can also apply repeat or random modes to your CD play list. Press the *PLAY LIST* button before pressing the *MENU* button to select the *CD OPTIONS* menu. Then select one of the following play list modes using the *REPEAT* and *RANDOM* buttons. When you are through, press *DONE* to exit.

Play list mode	Press	What it does
Random list	RANDOM DISC or RANDOM ALL	Plays all selections in the PLAY LIST once in random order.
Repeat list	REPEAT DISC or REPEAT ALL	Repeats PLAY LIST.
Repeat track list	REPEAT TRACK	Repeats selected PLAY LIST item.
Repeat random list	REPEAT DISC or REPEAT ALL then RANDOM DISC or RANDOM ALL	Plays and repeats all selections in the PLAY LIST in random order.

 **Note:** If you select random and repeat modes that cannot be combined (REPEAT TRACK and RANDOM DISC, for example), the system accepts the most recently entered choice.

Programming a CD play list

Using the Lifestyle® system's programming feature, you can create your own CD play list of up to 50 tracks (including repeats) from the loaded discs. You can create or edit a CD play list even while listening to another source. However, you can't edit the play list while the list is playing. To create or edit a CD play list, press the MENU button and select **CD OPTIONS**.

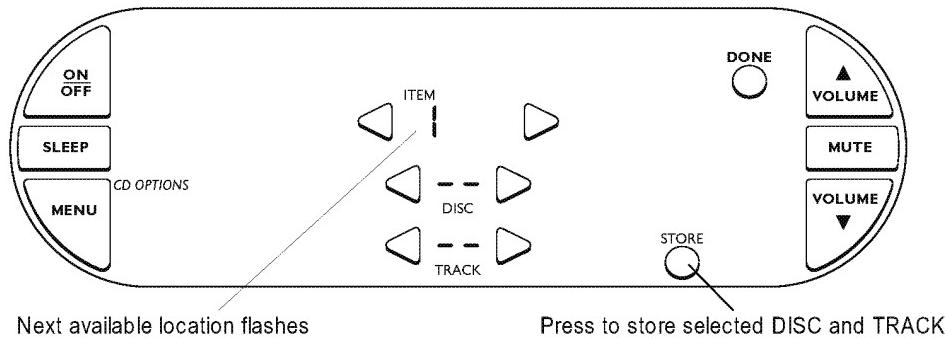
- ♪ **Note:** If you have more than one Personal™ music center, only one user can edit the play list at a time.

To create a CD play list

1. Press **EDIT PLAY LIST**. The next available item number is flashing to indicate that the music center is ready for programming (Figure 36).
2. Select a **DISC** and **TRACK** number using the \triangleleft or \triangleright arrow buttons.
3. Press **STORE** to enter the CD selection into memory under the selected **ITEM** number. The **ITEM** number stops flashing.
4. Press the **ITEM** right \triangleright arrow for the next item number.
5. Repeat steps 2, 3 and 4 to add more items to the list. When the list has 50 programmed items, the **STORE** button disappears.
6. When you have completed your play list, press **DONE** to exit.

Figure 36

Starting to build the CD play list



To change an entry in the CD play list

1. Press **EDIT PLAY LIST**. If the list has 50 items stored, the **ITEM** field indicates **FULL** and does not flash.
2. Select the number of the item you want to change and press **CLEAR**.
3. Select a new **DISC** and **TRACK** and press **STORE**.
4. To make other changes, repeat steps 2 and 3. Otherwise, press **DONE** to exit.

Operating Your Lifestyle® 50 System**To insert a new track in an existing play list**

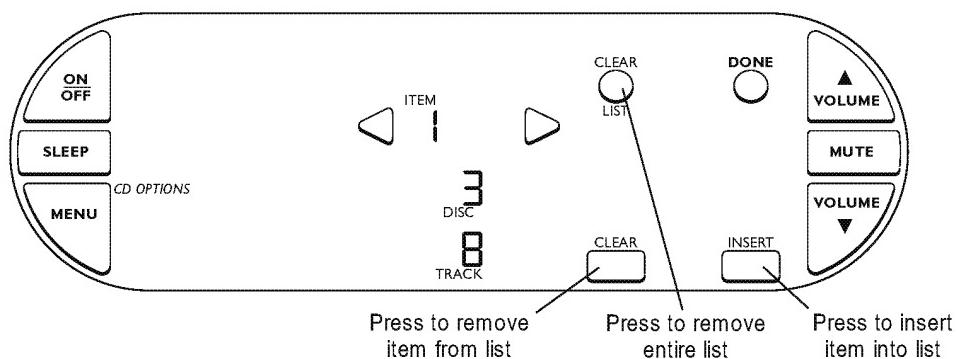
1. Press EDIT PLAY LIST. If the ITEM field indicates FULL, you can't insert a new item unless you delete one or more items from the list.
2. Select the ITEM number of the location where you want to insert a new CD selection. The ITEM number should not be flashing.
3. Press INSERT (Figure 37). The ITEM number begins flashing to indicate that the item you were viewing was moved up one item number leaving your selected ITEM number available.
4. Select a DISC and TRACK number and press STORE.

To delete a track from the play list

1. Press EDIT PLAY LIST.
2. Select the number of the item you want to delete and press CLEAR (Figure 37). The TRACK and DISC numbers change to dashes. The location is cleared and all items after this one are moved down one item number.
3. To delete other items, repeat step 2. Otherwise, press DONE to exit.

Figure 37

CLEAR LIST and CLEAR buttons available on the display after first selection is entered

**To erase the entire CD play list**

1. From the CD OPTIONS menu, press CLEAR LIST.
2. Press YES to confirm.

Using the system with external components

Follow the instructions on pages 12-15 for connecting components.

Turn on your component directly or by using its remote control. Press VOLUME ▲ or ▼ on your Personal™ music center to raise or lower the volume. Control all other functions at the source, referring to its owner's manual if necessary. To begin, make sure the component is turned on and a tape, CD, DVD, laserdisc, etc. is loaded. If an external component sounds significantly louder or softer than other sources, see "Equalizing the volume levels of external sources" on page 37.

- ♪ **Note:** The Lifestyle® 50 system cannot turn a connected component on or off.

Turning the system on and selecting the component

Press VIDEO 1, VIDEO 2, AUX, or TAPE on your Personal music center to select the desired component. This turns your system on and selects the component connected to that input. If the system is already on, this button selects the component.

The appropriate display indicator appears when the system is on and the component is selected.

- ⚠ CAUTION:** The magnetic field from the Acoustimass® module is not an immediate risk to your video tapes, audio tapes, and other magnetic media. However, you should not store tapes directly on or near the Acoustimass module.

Using a tape recorder with your system

If you are listening to any source except TAPE, the output signal of that source is directed to the RECORD OUT jacks.

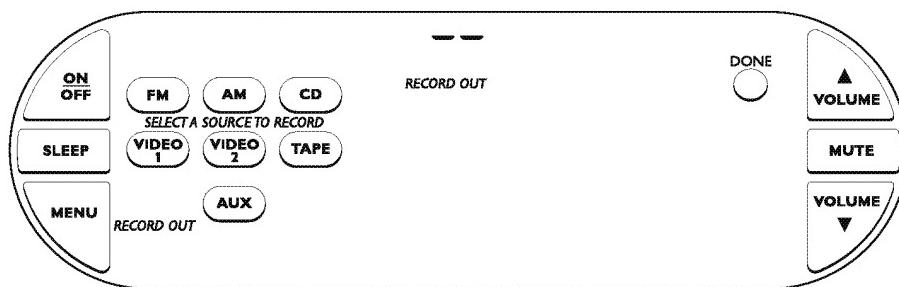
- ♪ **Note:** The ROOM outputs of the Lifestyle® 50 system are designated by the letters A through D. In a multi-room system, the source that is playing in the room designated by the letter closest to the beginning of the alphabet is sent to the RECORD OUT jacks.

You may also specify a source to be directed to the RECORD OUT jacks even if you are not listening to that source. To do this:

1. Select RECORD OUT with the MENU button. The words RECORD OUT are displayed under the source display area (Figure 38).
2. Select a source to record. The selected source appears in the source display area in place of the dashes (Figure 38). If you want to remove your RECORD OUT selection, press CLEAR. The dashes reappear.
3. When you are ready, set the tape deck to record.

Figure 38

The RECORD OUT menu display

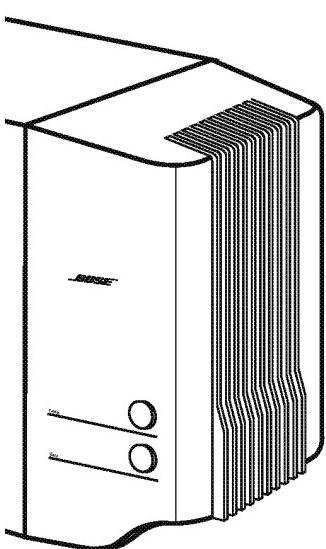


Operating Your Lifestyle® 50 System

Fine-tuning your system

Figure 39

Treble and bass controls



In most situations, you only need to follow the speaker placement guidelines (see "Setting Up" on pages 6-8) for your system to provide excellent sound quality. You do not need to adjust tone settings for changes in volume, since Bose® patented integrated signal processing provides a natural tonal balance over the full range of volume settings.

If desired, you can further fine-tune your system as described here.

Adjusting speaker controls

The Lifestyle® 50 system treble and bass controls are located on the Acoustimass® module (Figure 39). They allow you to adjust the treble (high frequencies) and bass (low frequencies). In the normal setting, the dots on each control are in the 12 o'clock position. You can also locate the normal setting by feeling when the control settles into the notch at this position. Turn the controls clockwise to increase, and counterclockwise to decrease, the amount of treble or bass.

Compensating for room acoustics

The acoustics (sound qualities) of your room can affect the overall sound quality of any speaker system. In general, you can reduce many problems with acoustics by the careful use of the treble and bass controls.

Too much or too little treble

Rooms that reflect a lot of sound, especially those with bare floors and walls, may sound overly shrill or "bright." Turning down the treble control (toward -) decreases treble sound.

Rooms with a lot of sound-absorbing furnishings, such as upholstered furniture, wall-to-wall carpet, or heavy drapes, may sound muffled or dull. Moving speakers further away from soft furnishings increases treble. You can increase treble sound by slightly turning up the treble control (toward +).

Too much or too little bass

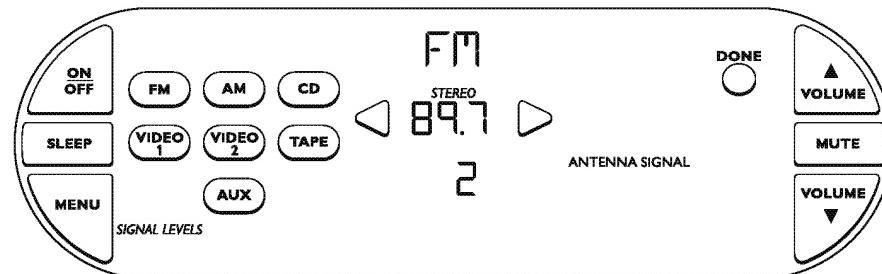
You can decrease bass sound by turning down the bass control (toward -). To increase bass, turn up the bass control (toward +). Acoustimass module placement also affects the amount of bass you hear. Placing the module closer to the corner of the room increases bass. Moving the module away from the corner decreases bass.

Optimizing AM/FM radio reception

You can adjust the orientation of your AM/FM antenna for the strongest signal by selecting **SIGNAL LEVELS** with the **MENU** button (Figure 40). Select the AM or FM radio, and the display shows you the strength level of the received signal. While watching the display, reposition your antenna until the highest possible signal level is achieved. The signal level can vary from 0 to 99. The manual tuning keys are provided so that you can check the signal strengths of multiple stations.

Figure 40

AM/FM antenna signal strength display



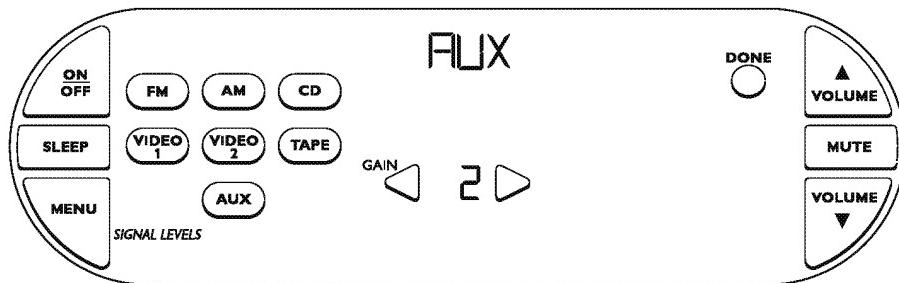
Equalizing the volume levels of external sources

The **SIGNAL LEVELS** selection in the MENU options allows you to adjust and equalize the volume gain levels received from externally connected sources (VIDEO 1, VIDEO 2, AUX, TAPE). For example, you can adjust the gain level of an external source so that volume level 50 on this source sounds as loud as level 50 from a built-in source.

1. Using the MENU button, select **SIGNAL LEVELS**.
2. Press VIDEO 1, VIDEO 2, TAPE or AUX and you are shown a gain adjustment display (Figure 41). After listening to the built-in sources (FM, AM, CD) at your preferred volume level, use the arrow keys to adjust the signal level settings (GAIN) of the connected sources until you get the same volumes. The adjustment range is from -15 to +15.

Figure 41

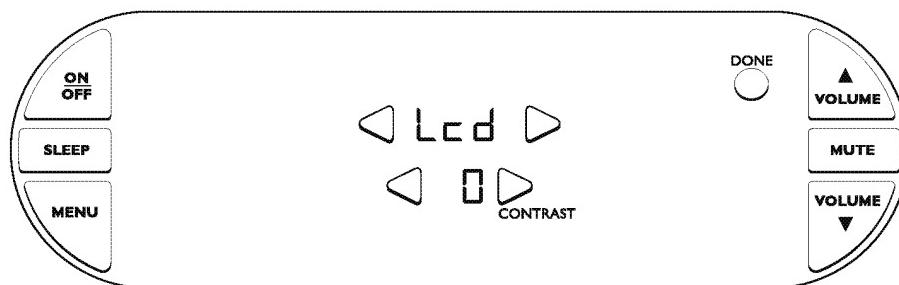
Gain adjustment display

***Adjusting LCD contrast***

You can adjust the contrast of the display. Press and hold the SOURCE button until **Lcd** appears. Use the lower arrow buttons to change the contrast level.

Figure 42

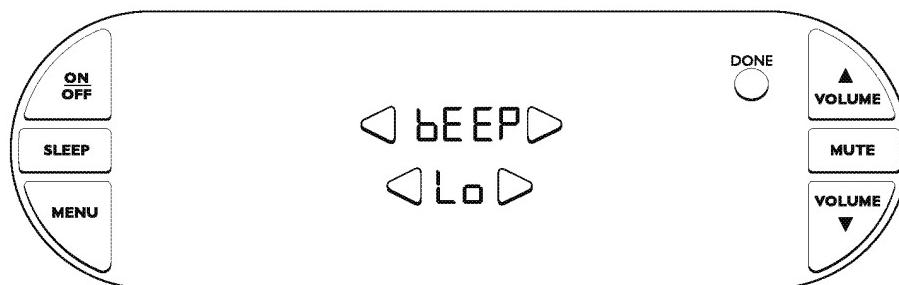
LCD contrast adjustment display

***Adjusting the Personal™ music center beep***

You can adjust the loudness of the beep made when pressing the display buttons. Press and hold the SOURCE button until **Lcd** appears. Use the upper arrow buttons to select the **bEEP** display. Use the arrow buttons to select between **Lo**, **Hi**, and **-- (off)**.

Figure 43

Beep adjustment display



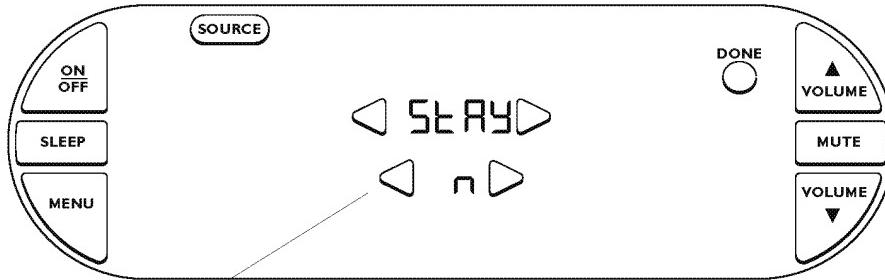
Operating Your Lifestyle® 50 System**Forcing the SOURCE buttons to stay on**

Normally, the SOURCE buttons are automatically removed from the display following certain operations. You can change the behavior of these buttons so that they remain in the state you last set them (on or off screen) using the SOURCE button.

1. Press and hold the SOURCE button until **Lcd** appears.
2. Press either upper arrow key until you see **STAY** and the SOURCE button appears in the upper left region of the display (Figure 44).
3. Press either lower arrow key to select **Y** (Yes).
4. To return the SOURCE buttons to normal operation, select **n** (No).

Figure 44

Selecting the display mode of the SOURCE buttons



n = SOURCE buttons are removed following certain operations.
Press SOURCE to access them again.

Y = SOURCE buttons remain as you last set them with the SOURCE button, except for when the system is off.

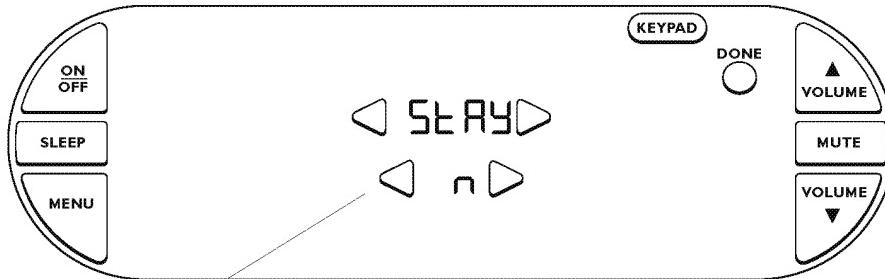
Forcing the KEYPAD buttons to stay on

Normally, the numerical keypad buttons are automatically removed from the display following certain operations. You can change the behavior of these buttons so that they remain in the state you last set them (on or off screen) using the KEYPAD button.

1. Press and hold the SOURCE button until **Lcd** appears.
2. Press either upper arrow key until you see **STAY** and the KEYPAD button appears in the upper right region of the display (Figure 45).
3. Press either lower arrow key to select **Y** (Yes).
4. To return the KEYPAD to normal operation, select **n** (No).

Figure 45

Selecting the display mode of the KEYPAD buttons



n = KEYPAD buttons are removed following certain operations.
Press KEYPAD to access them again.

Y = KEYPAD buttons remain as you last set them with the KEYPAD button.

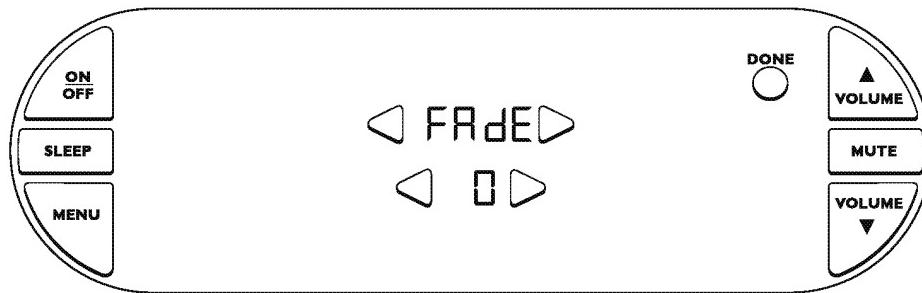
Adjusting the display fade time

The fade control display allows you to adjust the length of time the music center display stays on (after your last button press) before it fades. To adjust this time:

1. Press and hold the SOURCE button until **Lcd** appears.
2. Press either upper arrow key until you see **FAdE** on the display (Figure 46).
3. Press either lower arrow key to select a number between -15 and +15 (initial setting = 0). This is the number of seconds that is added or subtracted from the display fade time. A positive number keeps the display on longer than the initial setting. A negative number allows the display to fade sooner than the initial setting.
4. Press **DONE** to exit this mode.

Figure 46

Fade control display



Operating a Multi-Room Lifestyle® 50 System**Connecting additional rooms**

Follow the placement guidelines for the Bose® powered speakers that you plan to connect. Then review your plan for how to connect these speakers to the multi-room interface in your primary room. If you have questions or need extension cables to complete the connections, call Bose Customer Service at the numbers listed on the back inside cover of this owner's guide.



CAUTION: Make sure all components are unplugged from the power outlet before you begin hooking up additional speakers.

Connect the audio input cable from your additional powered speakers to the selected ROOM jack on the back of the multi-room interface.

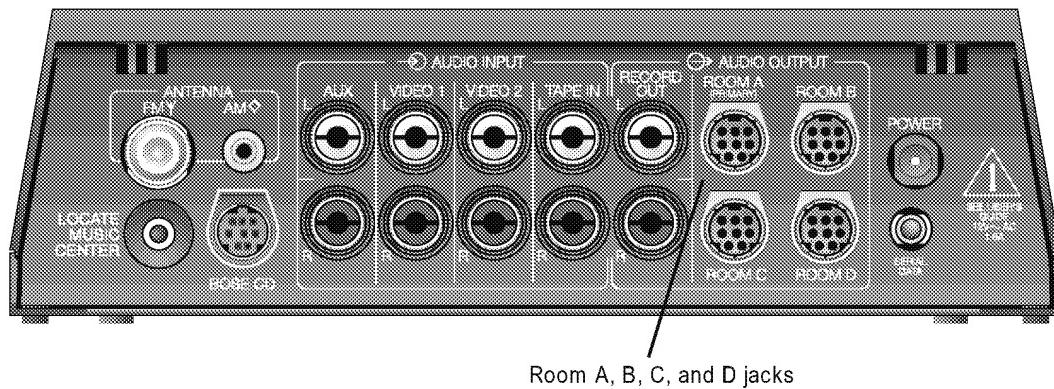
1. Plug the small black multi-pin connector (flat side facing up) into the jack marked ROOM B, C, or D on the back of the interface.
2. Follow the instructions that came with your speakers for connecting the cable to the speakers.



Note: Be sure that each connector is inserted completely into each jack.

Figure 47

ROOM jacks on the multi-room interface

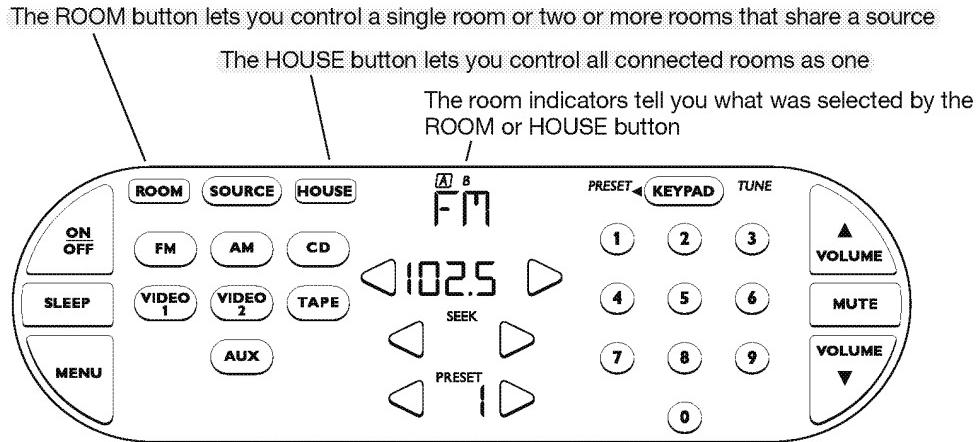


Operating in more than one room

Your Lifestyle® 50 system can control up to four sets of Bose® powered speakers, allowing your family to enjoy different audio sources (CD, radio, TV, etc.) in up to four rooms. These rooms are referred to as room A, B, C, and D, with room A being the primary room (the one used for a one-room system). If two or more rooms are connected to your system, the Personal™ music center displays ROOM and HOUSE buttons, and room indicators (A, B, C, and/or D). Figure 48 shows an example display for a two-room system.

Figure 48

Example display for a two-room system



Understanding the room indicators

- A A boxed letter indicates the presently-selected room or rooms. The selected room is affected by any source changes, or any change you make using the VOLUME, MUTE, ON/OFF, or SLEEP buttons.
- B An unboxed letter indicates a room listening to a **shared source**. A shared source is one that is playing in the controlled room as well as in up to three additional rooms. If you change the radio station, CD track, etc., of the shared source, the change affects all rooms sharing this source. However, you cannot change sources for all affected rooms at the same time. **The VOLUME, MUTE, ON/OFF, and SLEEP buttons only affect the boxed room(s).**
- C An empty box appears for each connected room when you press the HOUSE button. When you change the volume in the HOUSE mode, the numerical level appearing on the display does not represent the actual volume level in all connected rooms. It only represents the actual volume in rooms represented by a boxed letter.

Operating a Multi-Room Lifestyle® 50 System**Using the ROOM button**

The ROOM button allows you to select any connected room and control any sound source you want to hear in that room. Each time you press the ROOM button you can transfer control from one room to the next in A-B-C-D order. The room indicators on the display tell you what is currently selected. Rooms listening to a shared source can be linked and controlled as one room.

Turning on different sources in more than one room

Let's say you have a two-room system (rooms A and B) and the entire system is off. To turn on a different source in each room:

1. Wake up the Personal™ music center.
2. Press the ROOM button until the room indicator **A** is displayed. Press a source button, such as VIDEO 1, to turn on the system and listen to your DVD player in room A. Adjust the volume to the desired level.
3. Press the ROOM button again. The room indicator **B** is displayed. Press a different source button, such as CD, to listen to a CD in room B. Again, adjust the volume to the desired level.
4. Press the ROOM button again and notice that the room indicator **A** is displayed. You are controlling room A once again and the displays indicates that the VIDEO 1 source is on.

Setting up a shared source

Now, let's say the system is already on and you want to play the FM radio in rooms A and B:

1. Wake up the Personal music center.
2. Press the ROOM button until the room indicator **A** is displayed. Press the FM source button and adjust the volume to the desired level for room A.
3. Press the ROOM button again to select room **B**. Press the FM source button and adjust the volume to the desired level for room B. Now, the indicators **A B** are displayed.
4. Press the ROOM button again. The indicators **A B** appear on the display indicating that you can control these two rooms together. Any button command given now (SOURCE, VOLUME, MUTE, ON/OFF, SLEEP) is applied to both rooms.



Note: Remember that there are limits to using different sources in different rooms. With one tuner, the system cannot play one radio station in one room and another radio station in another. Similarly, with one CD changer, the system cannot play two different CDs at the same time.

Linking rooms for common control

There are two ways to link rooms in order to control them as one.

- Set up a shared source in two or more rooms and select them together using the ROOM button. See "Setting up a shared source" above.
- Link all connected rooms using the HOUSE button. See "Using the HOUSE button" on page 43.

Returning to single-room control

After you have gained control of multiple rooms using the ROOM button, you can use the ROOM button again to gain control of a single room. Press ROOM until the room you want is displayed (**A**, **B**, **C**, or **D**). Control that room as desired.

Using the HOUSE button

Using the HOUSE button, you can link all rooms together and control them as one. When you press the HOUSE button, an empty box indicator is displayed for each connected room. Any button pressed after that (any source button, VOLUME, MUTE, or SLEEP) affects every room. When you are done listening you can press OFF to turn off the entire system.

- ♪ **Note:** If you do not press any additional buttons after pressing HOUSE, pressing HOUSE again cancels HOUSE mode.

Press the HOUSE button before each command to apply that command to all rooms:

Press ...	To do this ...
HOUSE then a source	Play the selected source in all connected rooms.
HOUSE then VOLUME ▲▼	Adjust the volume up or down by the same amount in all rooms that are on, or all connected rooms if they are all off. The system remembers the differences among the original room volume settings.
HOUSE then MUTE	Silence all connected rooms that are on, even if any were previously muted individually. To cancel this command, press HOUSE then MUTE again. Any rooms that were muted before this command was given stay silent until individually unmuted. If you unmute an individual room after it was muted by a HOUSE - MUTE command, the other rooms remain silent until each one is unmuted individually. Pressing HOUSE then VOLUME ▲ unmutes all muted rooms.
HOUSE then SLEEP	Set the SLEEP timer for all rooms that are on. The SLEEP time selected applies to all rooms that are on even if they are playing different sources. If the SLEEP timer was already set in one or more rooms, the display shows the longest time already set. You can accept this time or change it for all the rooms. To cancel the HOUSE - SLEEP command, press HOUSE, SLEEP, CLEAR, and then DONE.
HOUSE then OFF	Turn off the entire system.

- ♪ **Note:** Instead of setting the whole house to one sleep time, you can set different sleep times for individual rooms by using the ROOM button to select each room and setting SLEEP.

When two or more rooms are linked, adjusting the SLEEP time affects all linked rooms (indicated by boxed letters).

Using more than one Personal™ music center

If you have a multi-room system, you can add additional music centers for some or all of the connected rooms. Each multi-room interface can be controlled by a maximum of four music centers. Each music center can control up to four rooms.

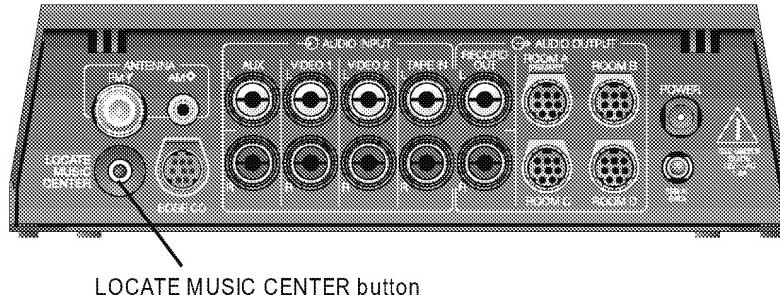
To add a new music center to your system, follow the setup instructions on page 17. Be sure to install the batteries and turn it on for the first time close to the multi-room interface to allow the new music center to set up a radio frequency link with your system. If the multi-room interface is not plugged in or the music center is out of range, the display indicates NO RESPONSE.

Maintaining Your Lifestyle® 50 System**Finding a misplaced Personal™ music center**

The “find me” feature assists you in locating the music center. Press the LOCATE MUSIC CENTER button on the back of the multi-room interface (under the antenna connections, next to the CD changer cable connection). The volume drops in any rooms that are on and any music center within range of the multi-room interface eventually begins beeping and flashing. The beeping and flashing continues for two minutes. Touching the screen of any music center stops it from beeping and flashing. Pressing VOLUME ▲ on any music center cancels the LOCATE MUSIC CENTER function.

Figure 49

The LOCATE MUSIC CENTER button

**Replacing batteries**

The *LOW BATTERY* message appears when batteries are nearly depleted. As batteries get weaker, the message flashes faster and display timeouts become shorter.

Figure 50

The *LOW BATTERY* warning message



System settings are not lost when batteries are changed or battery power fails.

Replace the batteries with 4 AAA or IEC-R03 1.5V alkaline batteries, matching the + and – symbols on the batteries with the + and – markings inside the compartment and on the back label. See “Setting up the Personal™ music center” on page 17 for battery installation instructions.

Cleaning the system

The only maintenance your system may need is periodic cleaning and replacing the music center batteries. For information on replacing the batteries see page 17.



CAUTION: Do not use any spray cleaners near the system. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.



CAUTION: Do not allow liquids to spill into any openings of the system. If liquids accidentally get into any system component, turn the system off and allow it to air dry. Then turn it on again. If you notice any problems with its functioning, turn it off and contact Bose® Customer Service.

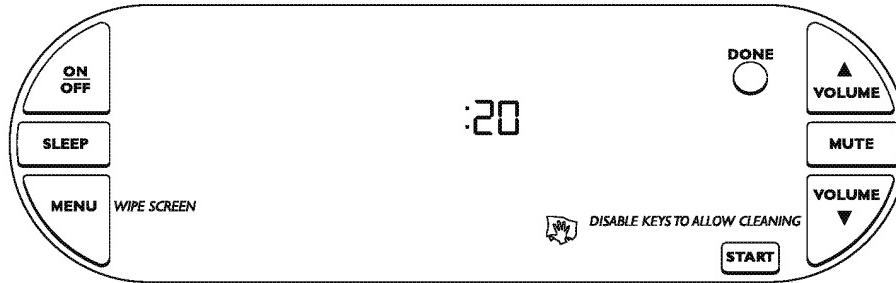
Cleaning the Personal™ music center

You can use an ammonia-free window cleaner on a soft cloth to clean the music center including the display screen. See the cautions at the top of the page.

Before you start cleaning the display, press the MENU button until you select WIPE SCREEN. You can use this option to disable the display buttons for up to 20 seconds while you wipe the screen. When you are ready to wipe the screen, press START to begin the countdown. This enables you to clean the screen without affecting system operation. The system beeps during the last five seconds to warn you that time is running out.

Figure 51

Entering the WIPE SCREEN display



Cleaning the CD changer

Use only a soft cloth to clean the outside of the CD changer. See the cautions at the top of the page.

Cleaning the speakers and Acoustimass® module

Clean the surface of your speakers with a soft, damp cloth. You can use an ammonia-free window cleaner on a soft cloth to maintain the finish. See the cautions at the top of the page.

The speaker grille panels require no special care, although you may vacuum them carefully with a soft-bristled attachment, if necessary.

Troubleshooting

Problem	What to do
System does not function at all	<ul style="list-style-type: none"> • Make sure the power connector is inserted securely into the multi-room interface, the power cord is inserted securely into the Acoustimass® module, the power pack and power cord are plugged fully into operating AC wall outlets. • Be sure to select a source (CD, AM/FM, etc.). • Unplug the multi-room interface power pack for a few seconds, then reconnect it. This allows the unit to reset itself after a power surge or power interruption.
No sound	<ul style="list-style-type: none"> • Increase the volume. • Check to see if MUTE is flashing on the display. If it is, press the MUTE button to unmute the sound. • Make sure the audio input cable is firmly seated in the multi-room interface ROOM A jack and the multi-pin connector on the other end is firmly seated in the Acoustimass module AUDIO INPUT jack. • Check speaker connections. • Make sure the digital audio input cable is firmly seated in the multi-room interface AUX jack and the other end of the cable is firmly seated in the connector at the digital source. • Check the connections for any external components. Make sure to select the correct source for the desired input. • Be sure the CD is placed correctly label-side up in the magazine, and the magazine is inserted properly in the CD changer. • Connect the FM and AM antennas.
No sound from center speaker	<ul style="list-style-type: none"> • Make sure the center cube cable is connected at both ends. • Check the settings in the SPEAKERS menu.
Too much sound from center speaker	<ul style="list-style-type: none"> • Adjust the CENTER level in the SPEAKERS menu.
No sound from surround speakers	<ul style="list-style-type: none"> • Select 5 speakers in the SPEAKERS menu. • Adjust the SURROUND level in the SPEAKERS menu. • Make sure the video sound source is stereo and surround-encoded, and the component used (TV, VCR, DVD, or laserdisc player) is stereo.
Surround speakers are too loud	<ul style="list-style-type: none"> • Adjust the SURROUND level in the SPEAKERS menu. • Make sure that the left and right front speakers are connected to the front speaker jacks (blue) and the left and right surround speakers are connected to the surround speaker jacks (orange). Use the supplied test CD.
Music center control is inconsistent, shows a NO RESPONSE message, or does not work	<ul style="list-style-type: none"> • Check batteries and their polarity (+ and -). See page 17. • Operate the music center closer to the multi-room interface. • Move the music center a few feet to avoid any area of interference. • Make sure the audio input cable is firmly seated, and uncoiled. • Make sure the multi-room interface is connected and plugged in. • If NO RESPONSE is continuously displayed, the link between your music center and the multi-room interface may be broken. To re-establish the link, hold the center close to the interface. Press and hold MUTE for about 5 seconds until you hear a second beep. After about 10 seconds, you should hear two beeps to confirm that the link is established. <p>Note: The music center establishes a link with the closest multi-room interface.</p>

Maintaining Your Lifestyle® 50 System

Problem	What to do
CD does not play	<ul style="list-style-type: none"> Check to see if the PLAY button symbol ► in the display is flashing. Make sure the magazine is properly inserted. Check to see if there is a disc in the magazine, label-side up. Display shows a flashing number for a disc that is label-side down or cannot be read. Display shows noCd if no discs are loaded. Eject the magazine and try loading the CD again. There may be dirt or dust on the CD. Clean the CD. The disc may be defective. Try another disc. The CD changer cannot play a DVD disc. If the CD changer is not properly connected the display shows Plug in cd. A display message Err indicates a mechanical error. Call Bose® Customer Service (see inside back cover for listings).
Radio does not work	<ul style="list-style-type: none"> Make sure antennas are connected properly. Position the AM antenna as far away from the multi-room interface as possible, at least 20 inches away. Adjust antenna position to improve reception. Use SIGNAL LEVELS menu to determine best reception. You may be in an area of weak signal coverage. Make sure the AM antenna is upright. Move antennas farther from TV or other electronic equipment.
FM sound is distorted	<ul style="list-style-type: none"> Adjust antenna position to reduce interference.
Sound is distorted	<ul style="list-style-type: none"> Make sure speaker cables are not damaged and the connections are secure. Reduce the output level from any external components connected to the CD changer.
No tape, CD, VCR, or TV sound	<ul style="list-style-type: none"> Check the connections. Make sure the component is turned on. Refer to the component owner's manual.
A display button does not activate its function when pressed on center	<ul style="list-style-type: none"> Calibrate the display screen. When you can only initiate a function by pressing the button too far off center, then a display screen calibration may be necessary. Calibrating the display screen aligns the button icon with the appropriate area of the screen. <ol style="list-style-type: none"> Press and hold the source display area (top center) until CAL appears. Press the SOURCE button as close to its center as possible. The KEYPAD button appears. Press the KEYPAD button as close to its center as possible. A small round button appears at the bottom right of the screen. Press the small round button as close to its center as possible to exit the calibration function with a newly calibrated screen. Contact Customer Service for assistance.

Warranty period

The Bose® Lifestyle® 50 system is covered by a limited 1-year transferable warranty. Details of the warranty are provided on the warranty card that came with your system. Please fill out the information section on the card and mail it to Bose.

Customer Service

For additional help in solving problems, contact Bose Customer Service. See the inside back cover for Bose Customer Service offices and phone numbers.

Technical information

Speaker system power rating

USA/Canada: 120V~ 50/60 Hz 350W

Europe/Australia: 220-240V~ 50/60 Hz 350W

Dual voltage: 115/230V~ 50/60 Hz 350W

Multi-room interface power pack power rating

USA/Canada: 120V~ 60 Hz 25VA

Europe: 230V~ 50 Hz 25VA

Australia: 240V~ 50 Hz 25VA

Dual voltage: 120V~ 60 Hz 25VA and
230V~ 50 Hz 25VA

Multi-room interface inputs

TAPE IN: 2Vrms, maximum

AUX, VIDEO 1, VIDEO 2: 2Vrms, maximum

FM antenna: 75 |

AM antenna: 12 ω H

Power: 12V~, 1.0A

Multi-room interface outputs

RECORD OUT: fixed audio

ROOM A, B, C, D: auto-adjusting fixed or
variable audio

SERIAL DATA: for future use

ROOM connector pinouts:

1: left audio

2: right audio

3: left audio

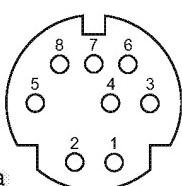
4: right audio

5: audio ground

6: +10V control line

7: SMART SPEAKER data

8: control line ground



Personal™ music center

Power: 6V DC (1.5V x 4 AAA)

Range: 65 feet (20 m)

Dimensions

Personal music center

8.8" W x 4.1" D x 1.4" H
(22.4 cm x 10.5 cm x 3.6 cm)

Multi-room interface

7.4" W x 4.0" D x 2.1" H
(18.8 cm x 10.0 cm x 5.5 cm)

CD changer

15.5" W x 8.0" D x 2.6" H
(39.4 cm x 20.3 cm x 6.6 cm)

Jewel Cube® speaker

2.2" W x 3.2" D x 4.4" H
(5.6 cm x 8.1 cm x 11.2 cm)

Acoustimass® module

23.3" W x 7.5" D x 14.0" H
(59.0 cm x 19.0 cm x 35.5 cm)

Weights

Personal music center

.8 lb (.4 kg)

Multi-room interface

.8 lb (.4 kg)

CD changer

5.9 lb (2.7 kg)

Jewel Cube speaker

1 lb (0.5 kg)

Acoustimass module

33 lb (15.0 kg)

Total shipping weight

62 lb (28.2 kg)

Finish

Personal music center

Polymer, painted

Multi-room interface

Polymer

CD changer

Aluminum

Jewel Cube speakers

Polymer, painted

Acoustimass module

Vinyl veneer, Polymer

Accessories

To find out about mounting brackets, stands, CD magazines, and connecting additional Bose® powered loudspeakers, contact your Bose dealer. Or call Bose directly (see inside back cover for phone numbers).

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